# FEMA National Watch Center Daily Operations Briefing Sunday, May 12, 2024 8:30 a.m. ET



## **National Current Ops / Monitoring**

<ul> <li>New Significant Incidents / Ongoing Ops</li> <li>Space Weather: Geomagnetic Storm – Majority of U.S.</li> </ul>	<ul> <li>Hazard Monitoring</li> <li>Severe Weather – Southern Plains to Southeast</li> <li>Critical Fire Weather – Southern Plains</li> <li>Excessive Rainfall/Flash Flooding – Southern Plains to Southeast</li> </ul>
<ul> <li>Disaster Declaration Activity</li> <li>No new declaration activity</li> </ul>	<ul> <li>Event Monitoring</li> <li>No new significant events</li> </ul>



## **Space Weather – Geomagnetic Storms**

Situation: Several Coronal Mass Ejections (CMEs) were reported to have reached Earth prompting the Space Weather Prediction Center (SWPC) to issue a series of Geomagnetic Storm Alerts. At approximately 7:41 p.m. ET, May 10, SWPC issued an alert that Extreme (G5) conditions reached Earth, with potential impacts across all FEMA Regions. Extreme (G5) conditions were observed most recently at 7:28 a.m. ET, May 11. Strong (G3) conditions were observed most recently at 12:33 a.m. ET, May 12. No geomagnetic storming is currently observed as of 5:00 a.m. ET. The threat of additional strong flares and CMEs will remain until the large and magnetically complex sunspot cluster rotates out of view over the next several days.

#### Identified Impacts: (FEMA, SWPC, DOE, CISA, Media as of 5:00 a.m. ET)

- No significant impacts were reported by any FEMA Region, FEMA OCIO, CISA, DOE, or other federal partners
- Impacts thus far have been power irregularities, disruptions to navigation systems, and widespread auroras (SWPC)

<u>Potential Impacts</u>: The intensity of any future geomagnetic storms will determine where potential impacts are possible, and how disruptive those impacts could be to the power grid, spacecraft, navigation systems, and radio frequencies.

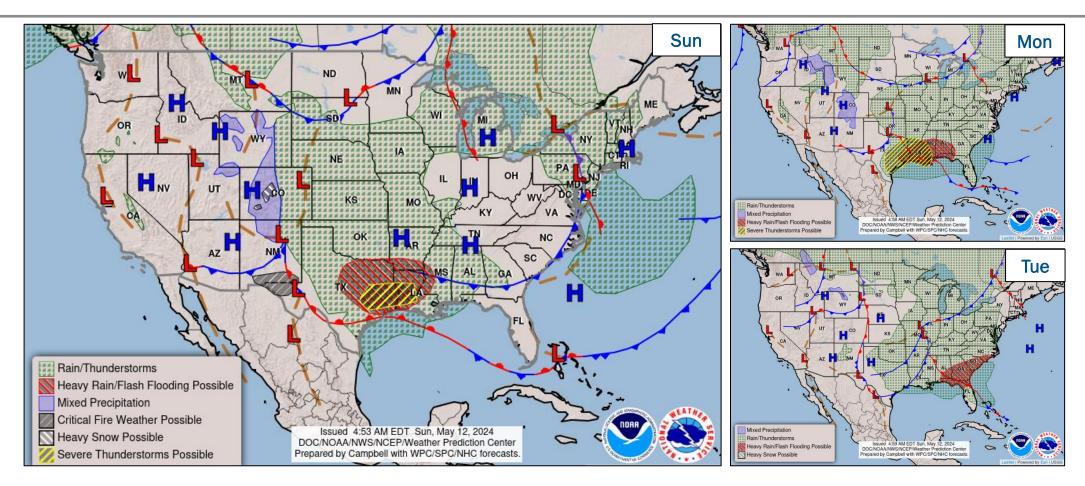
#### FEMA/Federal Response:

- FEMA Response Operations conducted a series of ops coordination calls with SWPC, all 10 FEMA Regions, and HQ leadership and program offices
- All FEMA regions continue to monitor for potential impacts; their regional watches are operating 24/7 at pre-solar storm activation levels, and all RRCCs are rostered
- FEMA's National Watch Center will continue to monitor in coordination with our FEMA Regions and federal partners



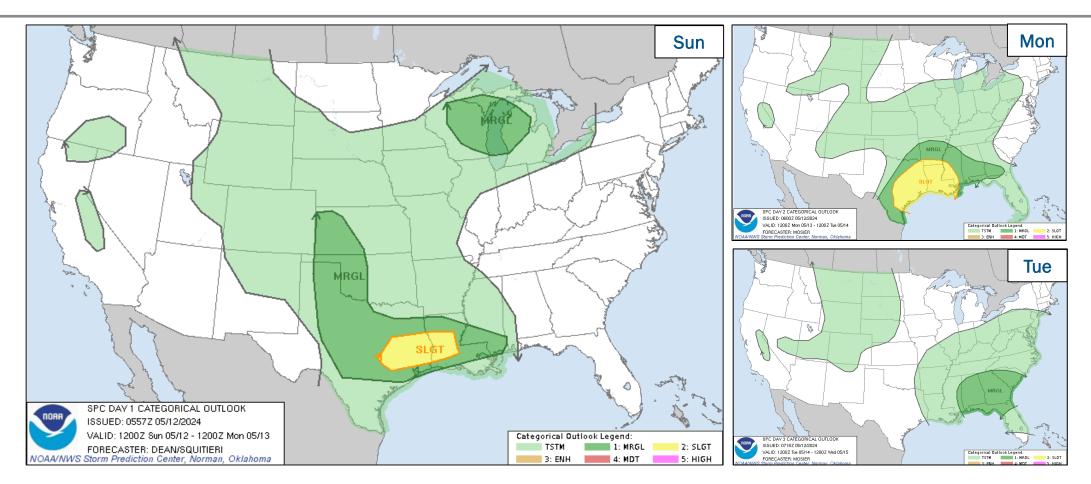


#### **National Weather Forecast**



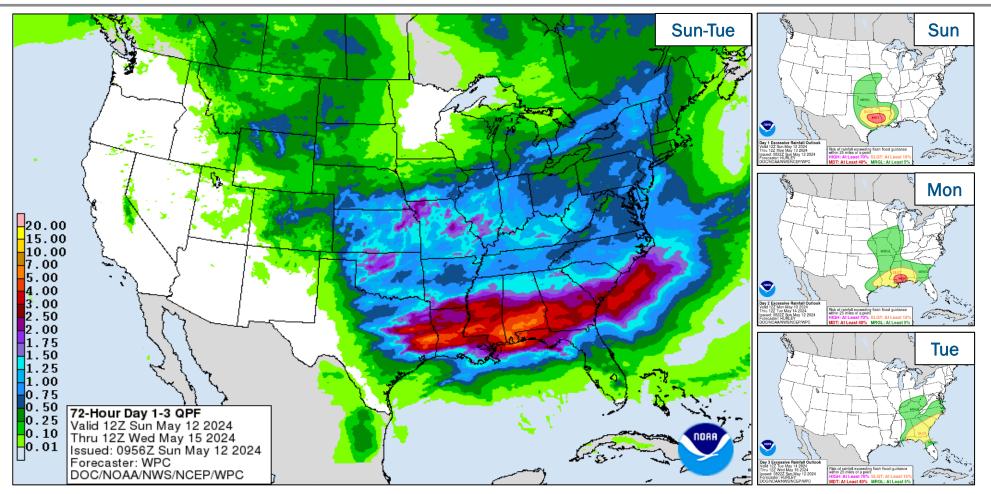


#### **Severe Weather Outlook**





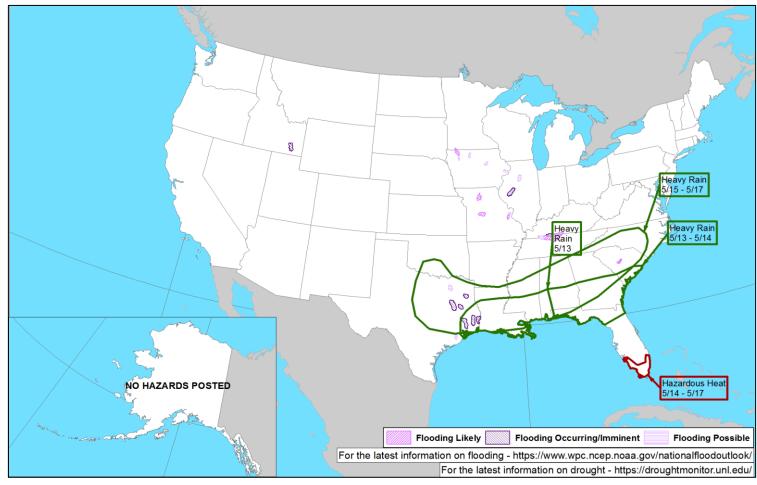
#### **Precipitation & Excessive Rainfall**





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#### Hazards Outlook – May 13-17



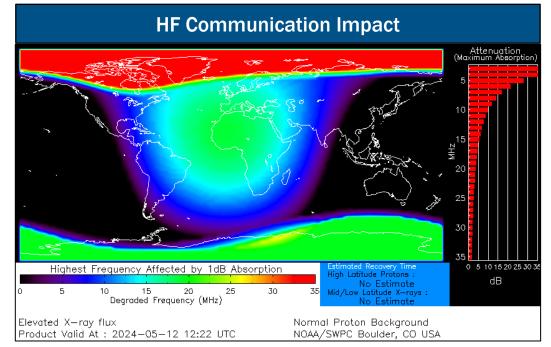


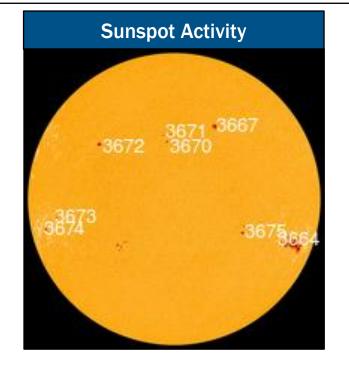
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### **Space Weather Outlook**

Minor	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts		
Past 24 Hours	Extreme	G5	S2	R3		
Next 24 Hours	Severe	G4	S1	R3		
For further information on NOAA Space Weather Scales refer to: http://www.swpc.noaa.gov/noaa-scales-explanation						

For further information on Sunspot Activity refer to: <u>https://www.swpc.noaa.gov/phenomena/sunspotssolar-cycle</u>









**National Watch Center** 

#### **FEMA Common Operating Picture**

Salem, OR N-IMATs **FEMA HQ** REGIONAL BREAKDOWN Sunday DR-4768-0R Lincoln, NE Columbus, OH JF0/VJF0 2-5 Teams Available · R-X IMAT DR-4778-NE DR-4777-0H May 12, 2024 NRCC NWC 15 4/0 2 R-VII IMAT R-V IMAT 1/1 3 0 11 Red Monitoring Activated 8:30 a.m. ET 0 ш 1/0 1 19 IV 5/0 0 White **FEMA REGIONS** 1/0 4 0 V 0 Blue VI 0/0 1 Watch RRCC 2 0 VII 0/1 South Portland, ME Gold Rostered VIII 0/1 2 0 Monitoring DR-4754-ME IX 2/1 18 0 · R-I IMAT Monitoring Rostered 11 HS X 10 0 3/1 0 Monitoring 111 Rostered **R-IMATs** Enhanced IV Rostered FEMA HO Regional Office V Rostered Monitoring 4-6 Teams Available Joint Rostered Monitoring VI Field Offices ME VII Monitoring Rostered **Direct Housing** Mission Monitoring VIII Rostered PR/USVI н Active RSI Monitoring IX Rostered Missions Ш 3 Pre-Positioned Monitoring Х Rostered i a i Site Alaska IV-1 Notes: Federal Staging RWCs/RRCCs/IMATs: STATE EOCs: Incident Support IV-2 2 NRCC: Sustained Ops FL/IA/MI/MO/MS/ Rase **RIV RWC: Severe** NE/OK/TN/TX/MT: Distribution V OH  $\bigcirc$ Weather Severe Weather Center **Temporary Housing**  TX: Ongoing Threats VI-1 OK Commonwealth o Storage Area/Site AZ/CO: SW Border Northern Mariana Large Fires. Islands MD: Key Bridge **VI-2** 40 Degrees Geoma State Activation Incident Full VII HI/OK: Wildfires NE Critical Flash Floo & Renev D Partial PR/USVI AK: 2024 Riverwatch San Diego, CA **Fire Wx** 1 Monitoring VIII Caribbean Area Operations DR-4758-CA tiver Floodin **River Floodi** Readiness Initiative CO: Hwy 50 CDOT Declared • R-IX-1 IMAT CA IX-1 ere Wx: R-II IMAT Counties Closure NY: Commencemer IX-2 Guan Personnel Activity PR: Flooding Х OR Volunteer Force Oklahoma City, OK DR-4776-0K Fully Mission Capable (FMC) Rostered Deployed R-VI-1 IMAT 7,799 72 Partially Mission Capable (PMC) • MERS Surge Capacity Force Rostered Deployed Hawai Puerto Rico/U.S. Virgin Islands Deployed American Samoa 7.643 **IM Workforce** 

#### IM Cadre Availability

#### 11 Cadres ≤ 25% Availability

17 +

Joint Field

Offices

Support

36

0

1

35

Major

Disasters

Emergency

**Declarations** 

Virtual Joint

**Field Offices** 

External Affairs: 20% (98/497); Environmental Planning and Historic Preservation: 16% (125/778); Field Leadership: 9% (13/145); Financial Management: 13% (29/224); Hazard Mitigation: 20% (245/1,226); Human Resources: 18% (31/173); Operations: 17% (54/321); Public Assistance: 20% (446/2,197); Planning: 7% (31/461); Safety: 12% (9/78); Security: 20% (28/141)

MERS > 66%	US&R > 66%	FCO
5 Assigned Unavailable Deployed	28 Assigned 2 Unavailable 0 Deployed	49 Assigned 5 Unavailable 37 (26 FCOR) Deployed
5 Available	26 Available	7 Available

**RSF-Supported** 

Disasters

**Direct Housing** 

Missions

26% / 3,574 (+82) Available

4,539 (+41) Unavailable

5,527 (-123) Deployed

13,640 Assigned

### **Joint Preliminary Damage Assessments**

Region State / Location	Incident	IA Number of Counties			Otort End	
		PA	Requested	Complete	Start – End	
		Severe Storms and Flooding	IA	0	0	N/A
I NH Apr 3 & continuing		PA	10	0	5/6 – TBD	
	II PR Flooding May 7 & continuing	Flooding	IA	1	0	5/10 - TBD
II		May 7 & continuing	PA	0	0	N/A
	III WV Flooding and Landslides Apr 11-12	Flooding and Landslides	IA	7	0	5/21 – TBD
111			PA	10	10	5/6 - 5/9
11.7	IV KY Severe	Severe Storms and Tornadoes	IA	11	11	4/16 - 4/18
IV		Apr 1-2	PA	37	36	4/23 – TBD
M	Severe Storms	Severe Storms	IA	4	0	5/15 – TBD
V MI	May 7	PA	0	0	TBD	
VI TX	Flooding	IA	0	0	N/A	
	Apr 26 & continuing	PA	7	0	4/26 – TBD	
іх ні	HI Kauai April Rain Apr 11-14	IA	1	1	4/29 - 5/2	
		PA	1	0	4/29 – TBD	



### **Declaration Requests in Process – 10**

State / Tribe / Territory – Incident Description	Туре	IA	PA	НМ	Requested
OH – Train Derailment	DR	Х	Х	Х	Jul 3
MA – Severe Storms and Flooding (APPEAL)	DR	Х	Х	Х	Mar 11
SBKN* – Severe Storms and Flooding	DR		Х	X	Mar 21
KY – Severe Storms, Straight-Line Winds, Tornadoes, Landslides, and Mudslides	DR	Х		Х	Apr 30
ME – Severe Storms	DR		Х	Х	May 2
IA – Severe Storms and Tornadoes	DR	Х		Х	May 2
WV – Severe Storms, Straight-line Winds, Tornadoes, Flooding, Landslides, and Mudslides	DR	Х	Х	Х	May 3
NE – Severe Winter Storms and Straight-line Winds	DR		Х	X	May 7
SC – Severe Storm and Straight-line Winds	DR	Х			May 7
MS – Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	DR	Х		Х	May 9

\*Sycuan Band of the Kumeyaay Nation





#### Helping people before, during, and after disasters.



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