

FEMA National Watch Center

# Daily Operations Briefing

Friday, March 24, 2023

8:30 a.m. ET



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# National Current Ops / Monitoring

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## New Significant Incidents / Ongoing Ops

- No significant incidents / operations

## Hazard Monitoring

- Severe thunderstorms – Southern Plains to the Tennessee Valley
- Heavy rain and flash flooding – Lower Mississippi to the Ohio Valleys
- Heavy snow – California, Pacific Northwest, and Rockies to the Northern Plains
- Freezing rain – Great Lakes to the Northeast
- Critical fire weather – Southern Plains
- Space Weather – Geomagnetic Storms

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## Disaster Declaration Activity

- Approved: Major Disaster – Maine

## Event Monitoring

- No significant events



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# Severe Weather – Lower Mississippi, Ohio, and Tennessee Valleys

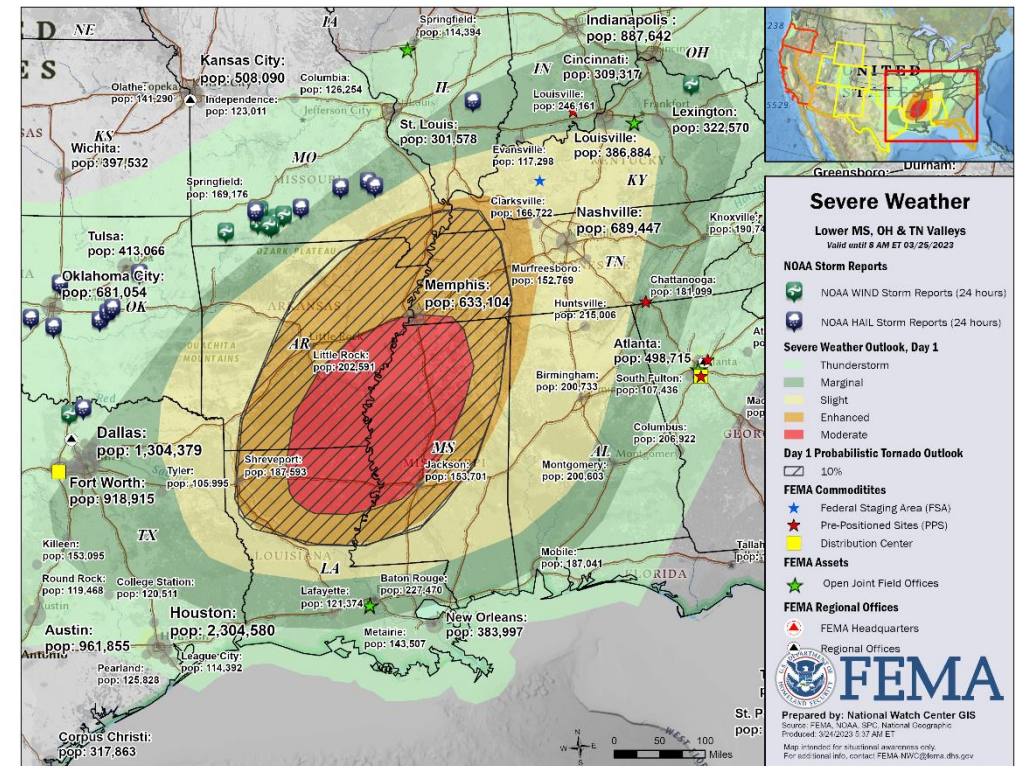
**Current Situation:** There is a moderate risk of severe thunderstorms in the Lower Mississippi Valley and an enhanced risk in the Ohio and Tennessee valleys. Supercell thunderstorms capable of tornadoes, damaging winds, and hail are possible. Weather models suggest numerous strong tornadoes could be likely, with the potential for several intense tornadoes.

## State / Local Response:

- LA, AR, MS, TN, KY EOCs at Normal Operations
- TX and AL EOCs at Monitoring

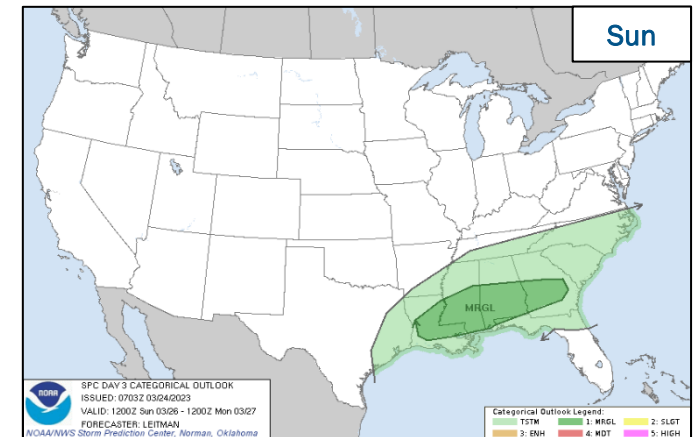
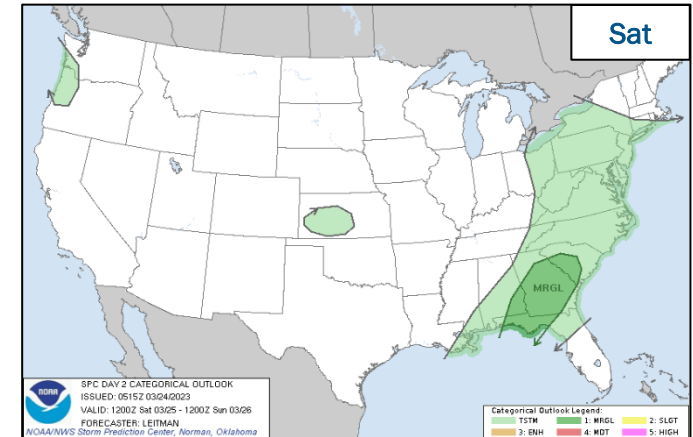
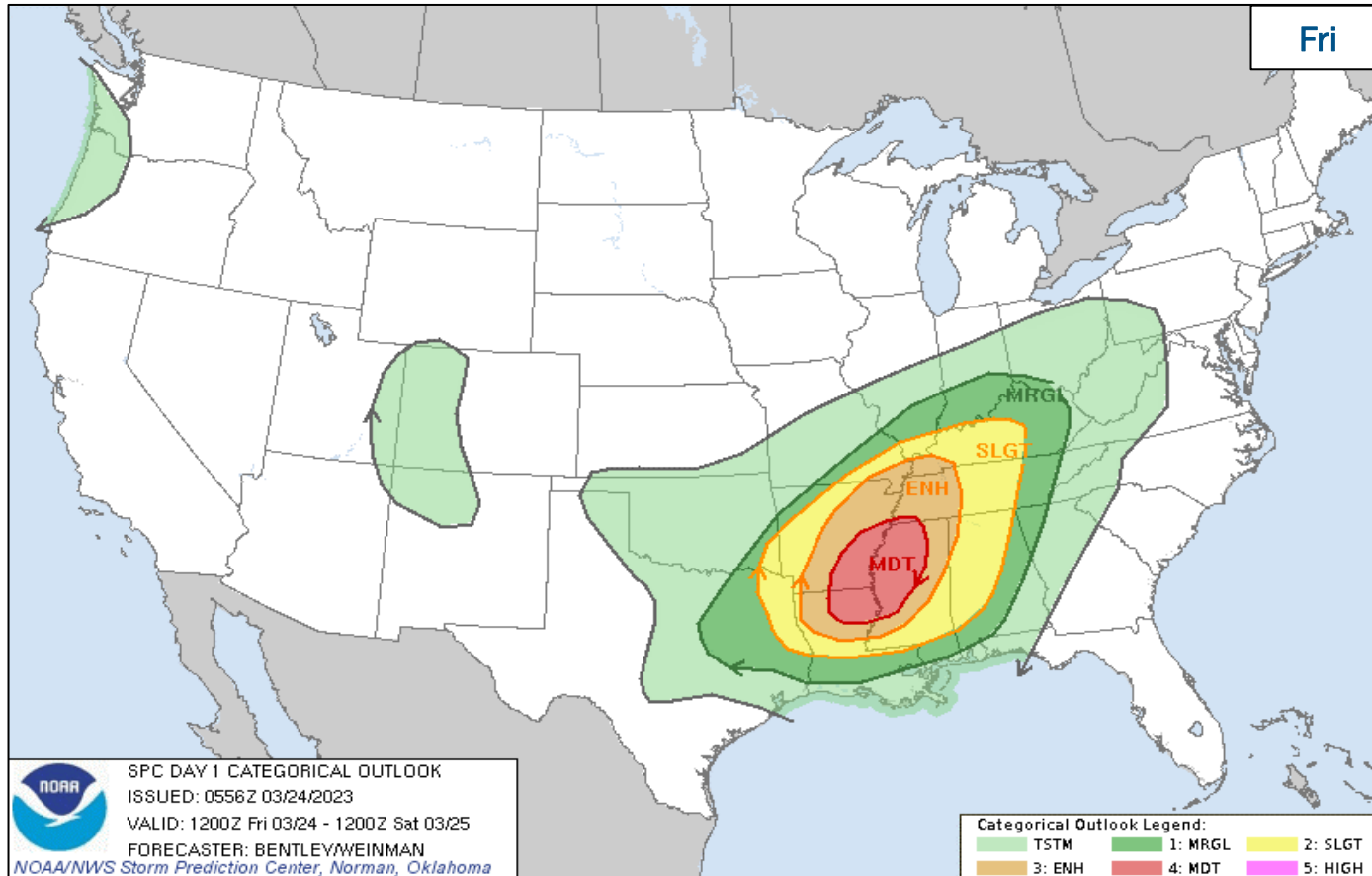
## FEMA / Federal Response:

- Region IV RWC continues to monitor and is Rostered
  - Region IV IMAT-1 and IMAT-2 are Available
- Region VI at Enhanced Watch (24/7); continues to monitor with potentially impacted states
  - Region VI IMAT-1 and IMAT-2 are Available
- NWC will continue to monitor in coordination with regional and federal partners; next update will be in the 5:00 p.m. ET National Situation Report



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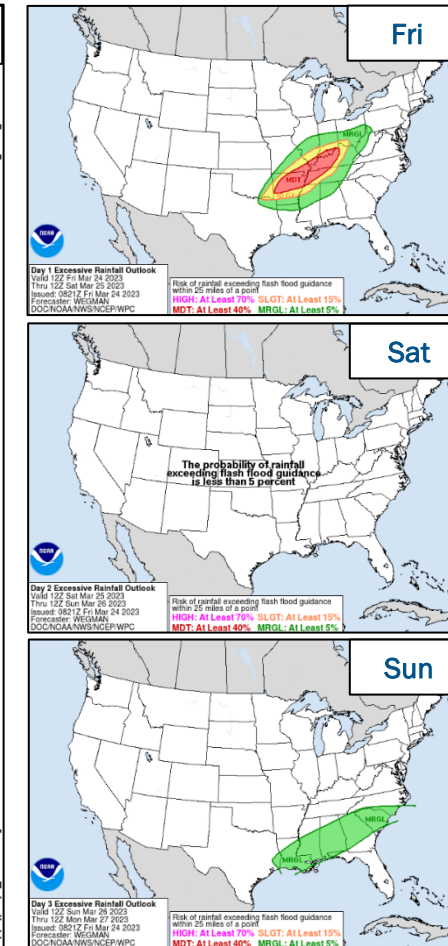
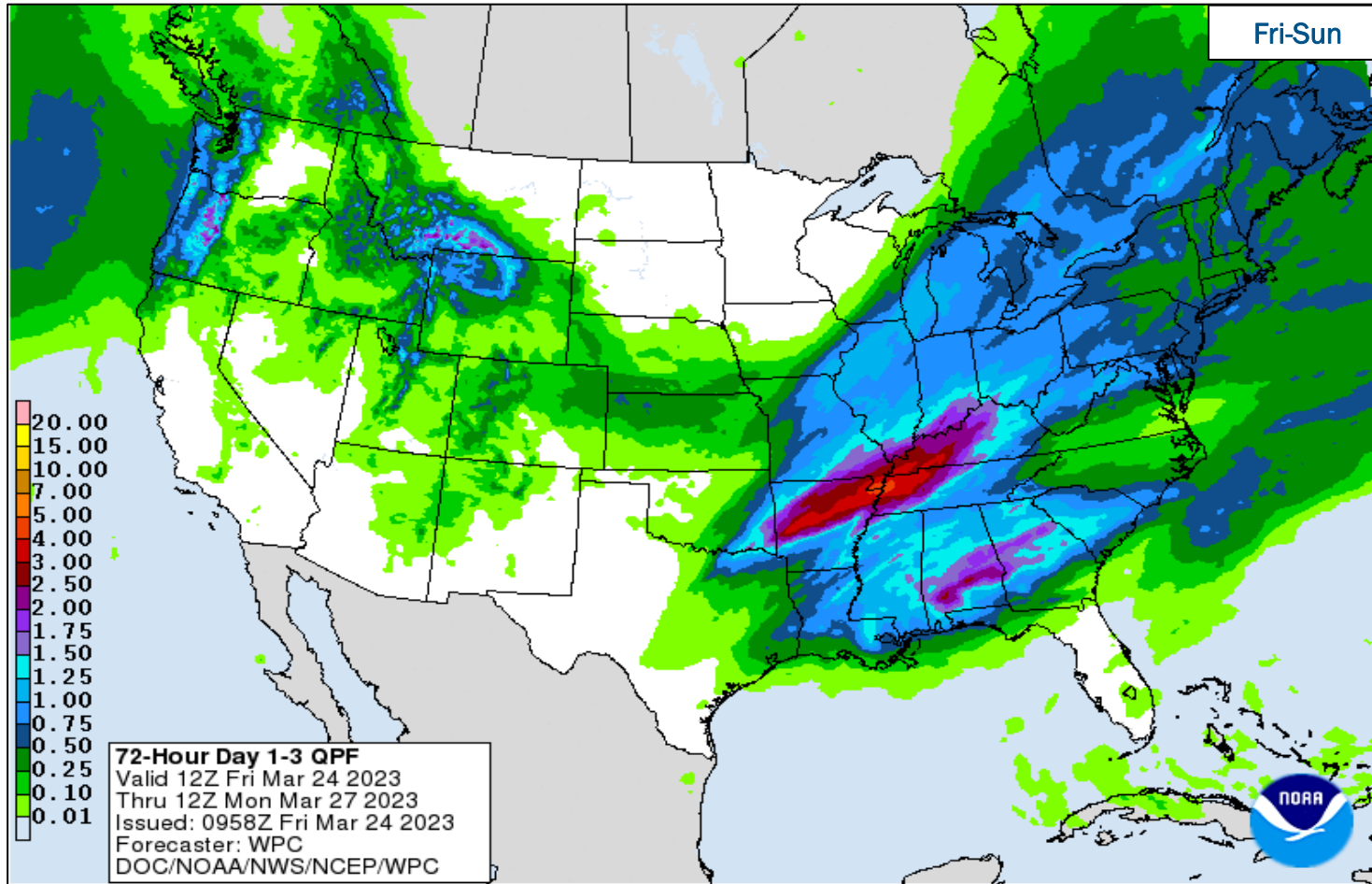
# Severe Weather Outlook



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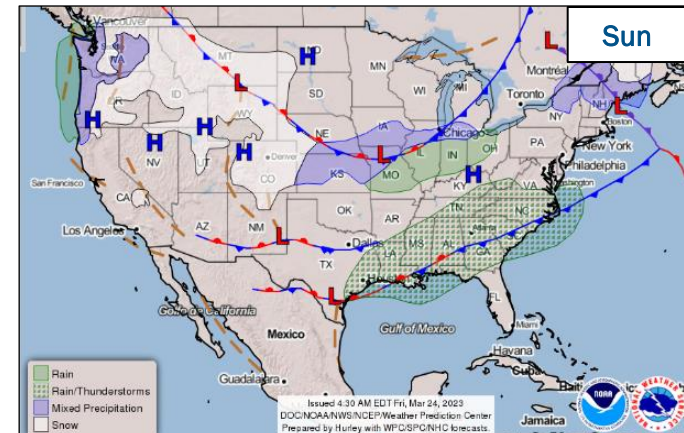
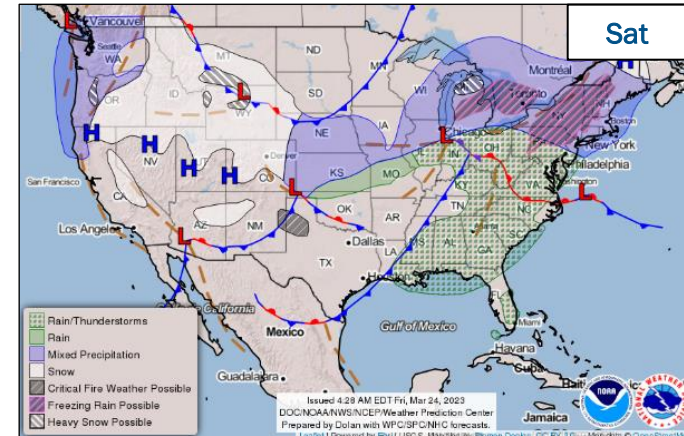
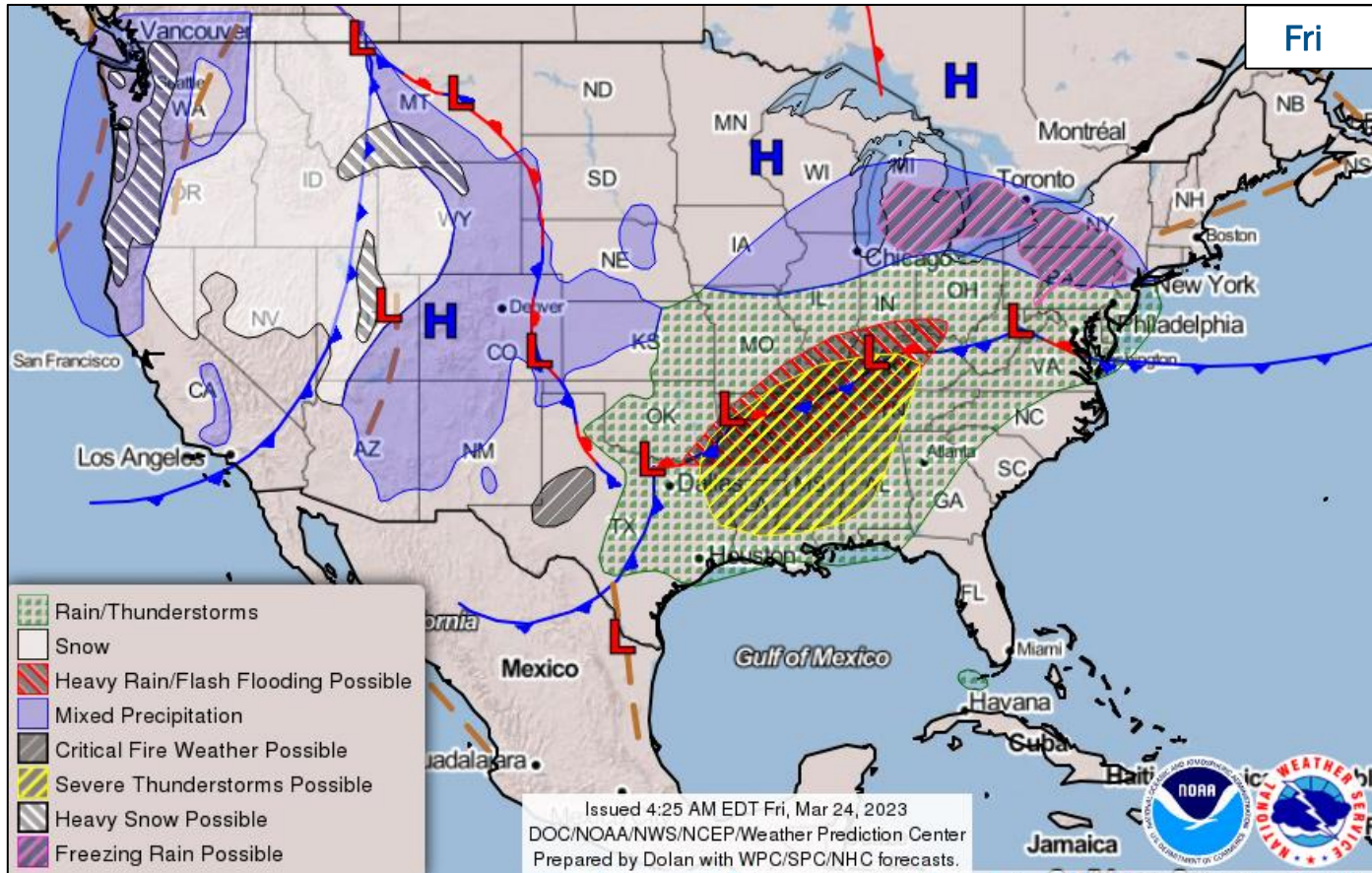
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# Precipitation & Excessive Rainfall



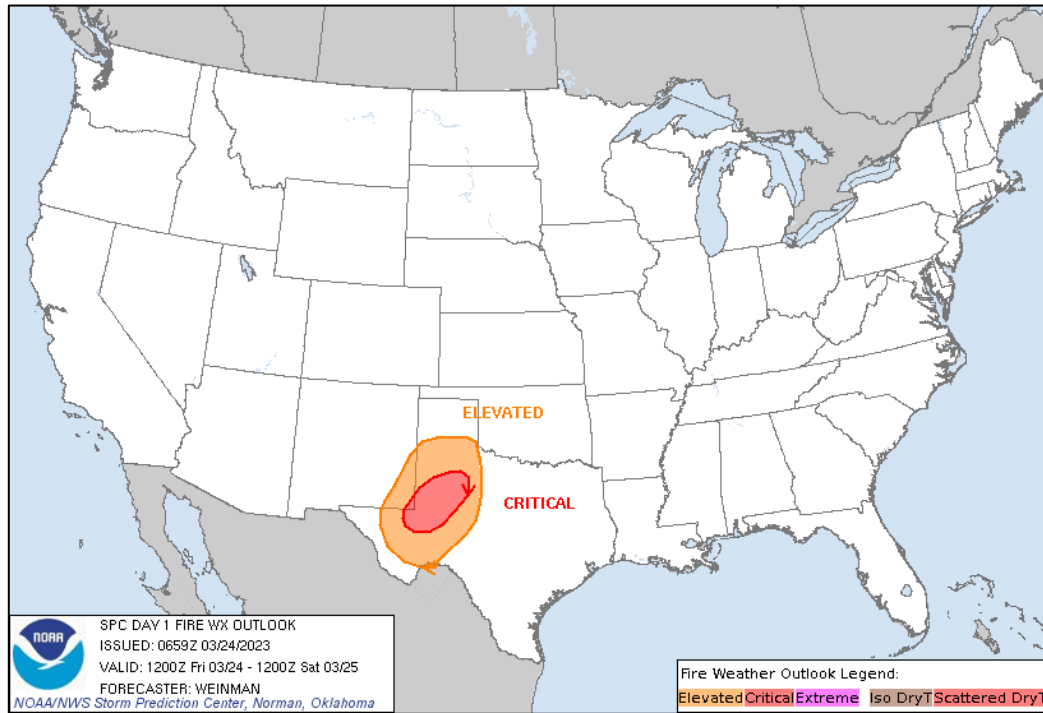
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# National Weather Forecast

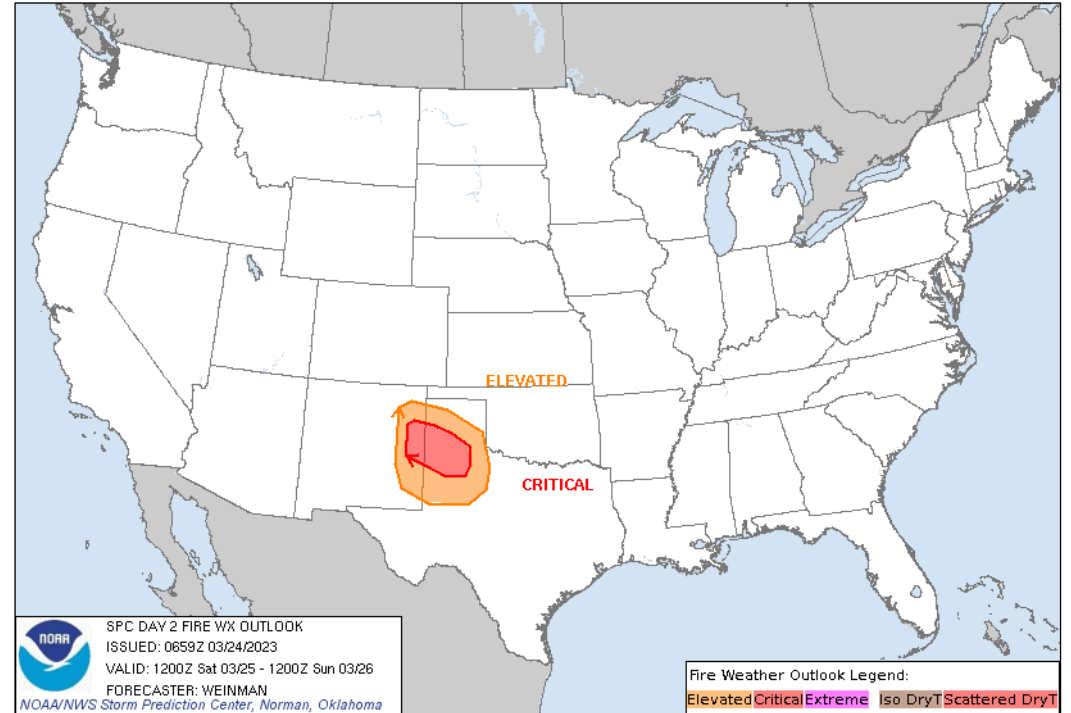


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# Fire Weather Outlook



Today



Tomorrow



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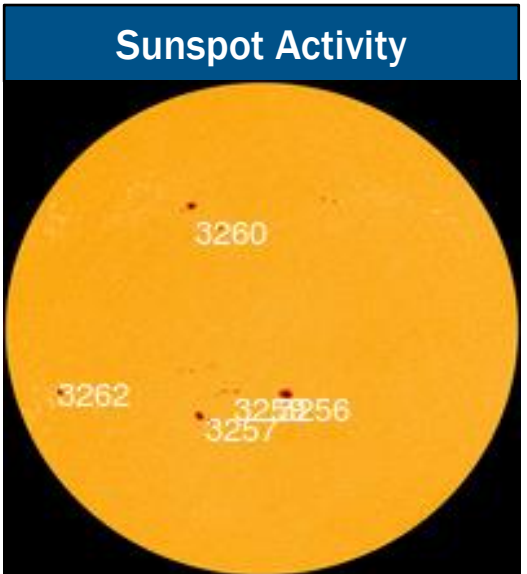
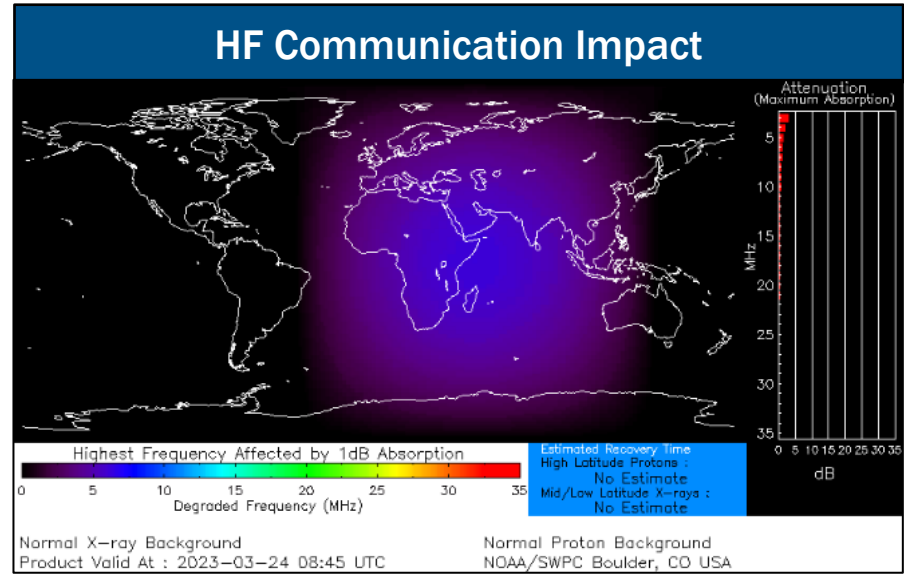
# Space Weather Outlook

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Severe	G4	None	None
Next 24 Hours	Strong	G3	None	None

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: <https://www.swpc.noaa.gov/phenomena/sunspotssolar-cycle>

NOAA Space Weather Scales			
Category	Effect		Physical measure
Scale	Description	Duration of event will influence severity of effects	Average Frequency (1 cycle = 11 years)
<b>Geomagnetic Storms</b>			
G 5	Extreme	Power systems: widespread voltage control problems and protective system problems can occur, some grid systems may experience complete collapse or blackouts. Transformers may experience damage. Spacecraft operations: may experience extensive surface charging, problems with orientation, uplink/downlink and tracking satellites. Other systems: pipeline currents can reach hundreds of amps. HF (high frequency) radio propagation may be impossible in many areas for one to two days, satellite navigation may be degraded for days, low-frequency radio navigation can be out for hours, and aurora has been seen as low as Florida and southern Texas (typically 40° geomagnetic lat.)**	Kp=9 Number of storm events when Kp level was met; (number of storm days) 4 per cycle (4 days per cycle)
G 4	Severe	Power systems: possible widespread voltage control problems and some protective systems will mistakenly trip out key assets from the grid. Spacecraft operations: may experience surface charging and tracking problems, corrections may be needed for orientation problems. Other systems: induced pipeline currents affect preventive measures, HF radio propagation sporadic, satellite navigation degraded for hours, low-frequency radio navigation disrupted, and aurora has been seen as low as Alabama and northern California (typically 45° geomagnetic lat.)**	Kp=8 100 per cycle (60 days per cycle)
G 3	Strong	Power systems: voltage corrections may be required, false alarms triggered on some protection devices. Spacecraft operations: surface charging may occur on satellite components, drag may increase on low-Earth-orbit satellites, and corrections may be needed for orientation problems. Other systems: intermittent satellite navigation and low-frequency radio navigation problems may occur, HF radio may be intermittent, and aurora has been seen as low as Illinois and Oregon (typically 50° geomagnetic lat.)**	Kp=7 200 per cycle (130 days per cycle)
G 2	Moderate	Power systems: high-latitude power systems may experience voltage alarms, long-duration storms may cause transformer damage. Spacecraft operations: corrective actions to orientation may be required by ground control; possible changes in drag affect orbit predictions. Other systems: HF radio propagation can fade at higher latitudes, and aurora has been seen as low as New York and Idaho (typically 55° geomagnetic lat.)**	Kp=6 600 per cycle (360 days per cycle)
G 1	Minor	Power systems: weak power grid fluctuations can occur. Spacecraft operations: minor impact on satellite operations possible. Other systems: migratory animals are affected at this and higher levels; aurora is commonly visible at high latitudes (northern Michigan and Maine)**	Kp=5 1700 per cycle (900 days per cycle)

\*\* Based on this measure, but other physical measures are also considered.  
 For specific locations around the globe, see geomagnetic latitude to determine likely visibility (see www.swpc.noaa.gov/Aurora)





# FEMA Common Operating Picture

**10 + 11**  
Joint Field Offices Virtual Joint Field Offices Supporting

**54 + 11**  
Major Disasters Emergency Declarations

**8**  
Direct Housing Missions

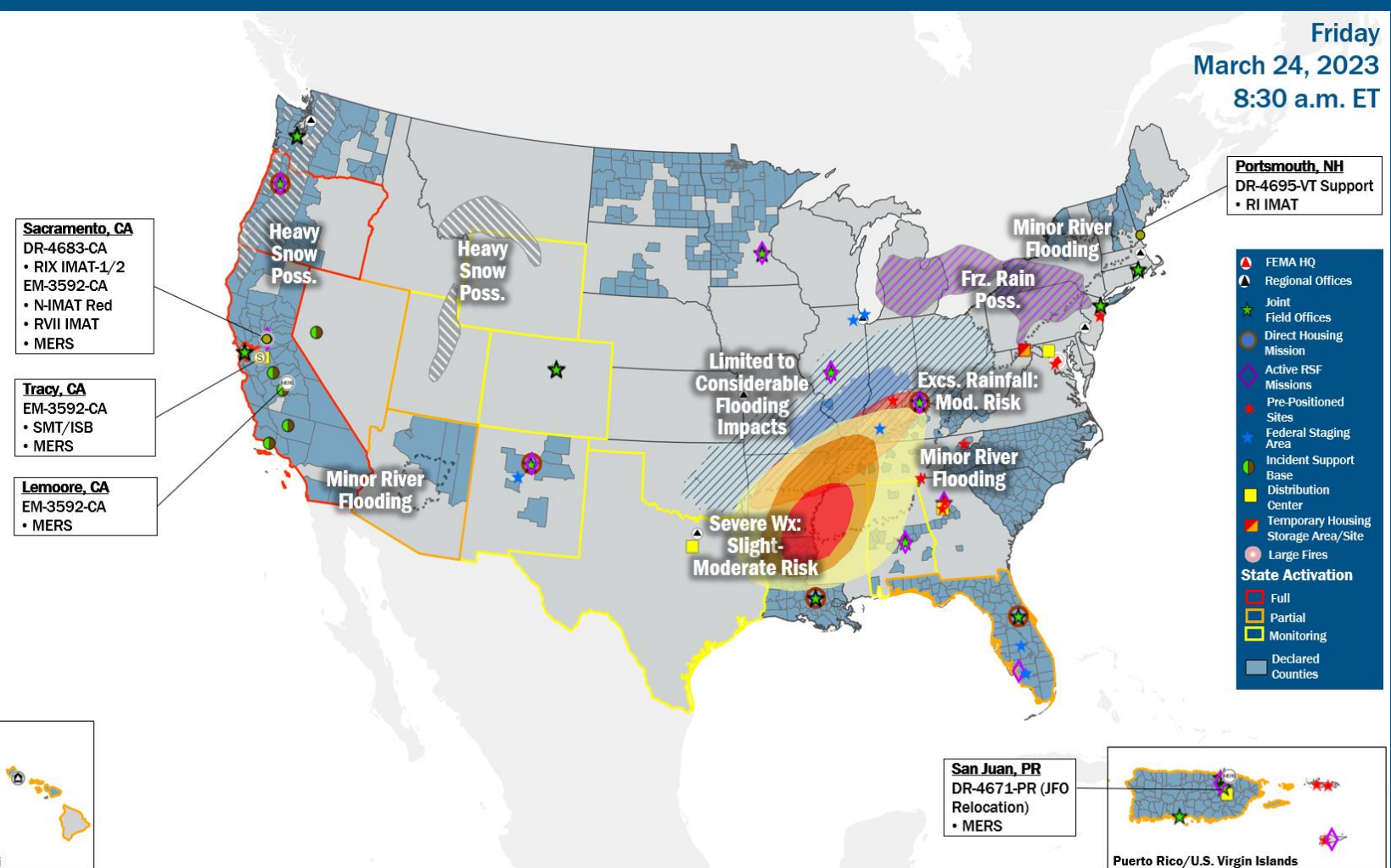
**12**  
RSF-Supported Disasters

Friday  
March 24, 2023  
8:30 a.m. ET

FEMA HQ	
NWC	NRCC
Monitoring	Rostered
FEMA REGIONS	
Watch	RRCC
Monitoring	I Rostered
Monitoring	II Rostered
Monitoring	III Rostered
Monitoring	IV Rostered
Monitoring	V Rostered
Enhanced	VI Rostered
Monitoring	VII Rostered
Monitoring	VIII Rostered
Monitoring	IX Rostered
Monitoring	X Rostered
Notes:	
RVI: 24/7 (severe weather)	STATE EOCs: PR: TC Fiona DC: 1 <sup>st</sup> Amendment Activities AL: Severe Weather FL: TC Ian TX: Ongoing Operations CO: Avian Influenza, Public Health Support, and Suncor Refinery AZ/CO: SW Border Coordination WY/NM: Winter Weather CA/HI/UT: Flooding AS/CA: Seismic Activity OR: Respiratory Illness (RSV & Influenza) (8) State/Territory EOCs activated for COVID Support
Surge Capacity Force	
Rostered 7,516	Deployed 0

N-IMATs	
2-4 Teams Available	
Red	Demobilizing
White	
Blue	
Gold	
R-IMATs	
≥ 7 Teams Available	
I	NH
II	
III	
IV-1	
IV-2	
V	Reconstituting
VI-1	1
VI-2	
VII	CA
VIII	
IX-1	CA
IX-2	CA
X	

REGIONAL BREAKDOWN			
	JFO/VJFO	DR	EM
I	1/0	6	0
II	1/5	4	4
III	0/0	3	0
IV	3/1	10	3
V	2/0	4	0
VI	1/1	2	3
VII	0/1	0	0
VIII	0/1	5	0
IX	0/1	8	1
X	2/1	12	0



## IM Workforce

13,421 Assigned  
4,000 (-45) Unavailable  
5,284 (+49) Deployed

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31% / 4,137 (-4) Available

## IM Cadre Availability ≤ 25% Availability

Civil Rights: 20% (24/120); Disability Integration: 13% (8/61); Environmental Planning and Historic Preservation: 19% (156/829); Field Leadership: 18% (26/142); Hazard Mitigation: 18% (221/1,215); Human Resources: 20% (33/162); Operations: 17% (63/360); Public Assistance: 11% (244/2,177); Planning: 13% (60/458); Safety: 9% (7/80); Security: 25% (37/147)

## MERS

≥ 66%

36 Assigned  
0 Unavailable  
1 Deployed

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35 Available

## US&R

≥ 66%

28 Assigned  
2 Unavailable  
0 Deployed

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26 Available

## FCO

≤ 1 Type I

49 Assigned  
4 Unavailable  
38 (24 FCOR) Deployed

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7 Available

# Joint Preliminary Damage Assessments

Region	State / Location	Incident	IA	Number of Counties		Start – End
			PA	Requested	Complete	
II	NY	Severe Winter Storm Dec 23-25	IA	0	0	N/A
			PA	7	5	1/24 – TBD
IV	KY	Severe Storms & Tornadoes Mar 3-5	IA	6 (+1)	4	3/20 – TBD
			PA	89 (+8)	61	3/8 – TBD
	TN	Severe Storms and Flooding Mar 1-3	IA	0	0	N/A
			PA	45	0	3/28 – TBD
VI	TX	Winter Storm Jan 29 and continuing	IA	0	0	N/A
			PA	23	3	3/6 – TBD
IX	NV	Severe Widespread Flooding Mar 8	IA	0	0	N/A
			PA	5	0	3/20 – TBD
	Yomba Shoshone Tribe	Severe Widespread Flooding Mar 8	IA	0	0	N/A
			PA	1	0	3/20 – TBD
	Hoopa Valley Tribe	Severe Widespread Flooding Feb 14-Mar 7	IA	0	0	N/A
			PA	1	0	3/23 – TBD
	Tule River Tribe	Severe Widespread Flooding Mar 10 and continuing	IA	1	0	3/22 – TBD
			PA	1	0	3/22 – TBD



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# Declaration Approved – Maine

**Declaration:** Major Disaster Declaration FEMA-4696-DR-ME

**Date Requested:** Feb 16

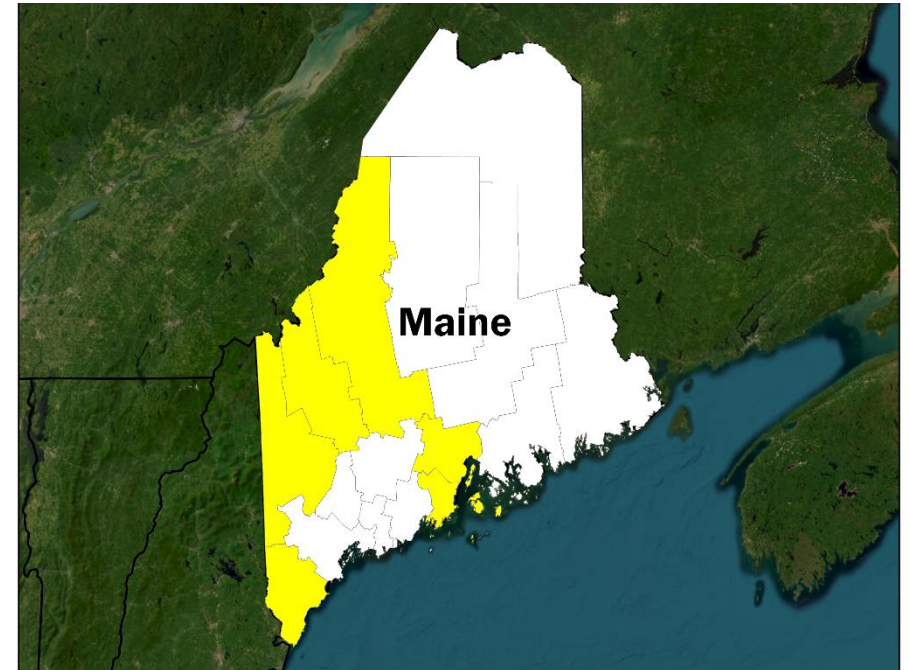
**Date Approved:** Mar 22

**Incident:** Severe Winter Storm and Flooding

**Incident Period:** Dec 23-24, 2022

**Provides:**

- **PA:** 6 counties
- **Hazard Mitigation:** Statewide
- **FCO:** William F. Roy



■ PA



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# Declaration Requests in Process – 8

State / Tribe / Territory – Incident Description	Type	IA	PA	HM	Requested
Choctaw Nation of Oklahoma – Tornadoes	DR		X	X	Jan 3
WV – Severe Storms, Flooding, Landslides, and Mudslides (Appeal)	DR	X	X	X	Jan 27
ME – Severe Storms and Flooding - <a href="#">APPROVED</a>	DR		X	X	Feb 16
TX – Severe Winter Storm	DR		X	X	Feb 21
OR – Severe Winter Storm, Straight-line Winds, Flooding, Landslides, and Mudslides	DR		X	X	Feb 27
CA – Heat Dome and Wildfires (Appeal)	DR		X	X	Mar 5
Navajo Nation – Severe Winter Storms, Snowstorm, and Flooding	DR		X	X	Mar 20
AR – Severe Winter Storms	DR		X	X	Mar 20
ND – Severe Winter Storm	DR		X	X	Mar 21



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Helping people before, during, and after disasters.



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