

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.



# **FEMA**

## **Daily Operations Briefing**

**Thursday, March 1, 2018**

**8:30 a.m. EST**

# Significant Activity – Feb 28-Mar 1



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## **Significant Events:**

- Southern CA flooding
- Central U.S. flooding
- Northeast Coastal Storm

## **Tropical Activity:**

- Western Pacific – No activity affecting U.S. interests

## **Significant Weather:**

- Flash flooding possible – Southern Plains to Tennessee Valley
- Severe thunderstorms possible – Southern Plains/Lower Mississippi Valley
- Critical/elevated Fire Weather – none
- Red Flag Warnings – none
- Space Weather:
  - Past 24 hours: None observed
  - Next 24 hours: None predicted

**Earthquake Activity:** No significant activity

**Declaration Activity:** None

# Southern California Flooding



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## Situation

- Moderate chance of debris flow near recent burn scar areas (Sherpa, Whittier and Thomas Fires)
- Steady precipitation is forecast across southern California through Friday with occasional showers continuing through Saturday
- **Potential debris flows are expected to be significantly less than the major debris flows that occurred in early January this year**

## Potential Impacts

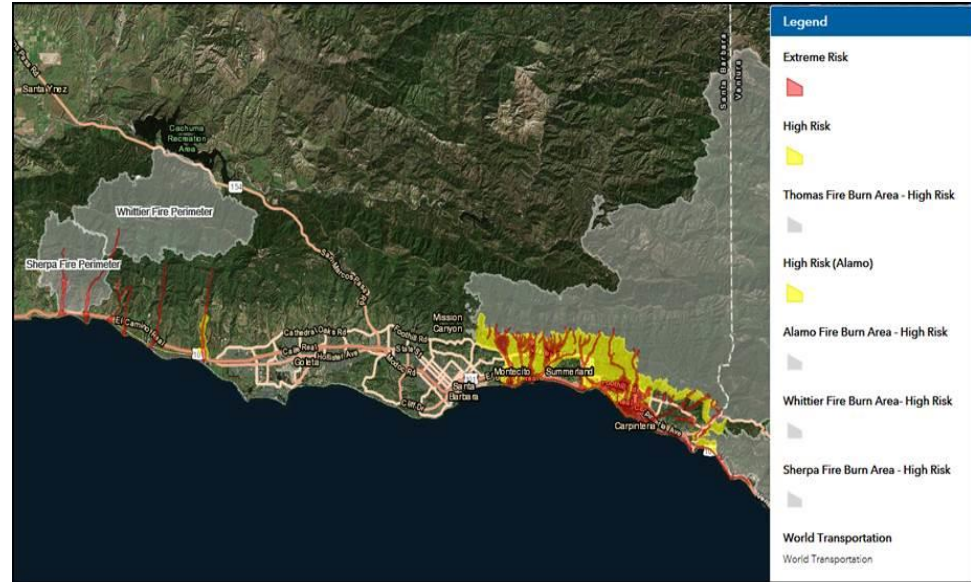
- Evacuations: Evacuation warnings have been issued for communities below burn scar areas. No mandatory evacuations

## State/Local Response

- County public works, transportation and CalTrans are pre-staging assets
- City of Santa Barbara OES is at Partial Activation
- Ventura County remains at Normal Operations
- CA EOC remains at Normal Operations

## Federal Response

- Region IX RWC continues to monitor as weather approaches and prepared to respond if required
- NWC continues to coordinate with Region IX watch



**Rainfall rates of a half inch per hour meet the very low end of the USGS criteria for mud and debris flows**

# Central U.S. Flooding



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## Current Situation:

Precipitation will taper off today and dry weather is forecast for the Central U.S. through Saturday

## Potential impacts to the area:

### Region IV:

- Majority of flooding in low lying, agricultural, and flood prone areas in KY, TN and MS. No wide spread significant threats to populations expected.
- KY: Additional PDA requests likely (PA PDAs for 22 counties began February 22 for previous event)
- TN: Potential for PDA requests for Lauderdale, Tipton, Dyer, Lake, Hardin, Decatur, and Perry counties
- MS:. Potential for PDA requests

### Region VI:

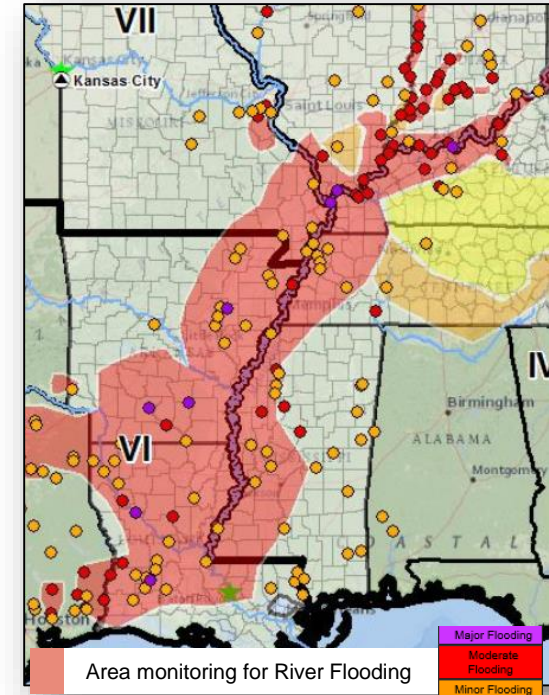
- AR: Localized flooding in low lying, agricultural and flood prone areas. No wide spread significant threats to populations expected.
- LA: Baton Rouge gauge expected to reach Major Flood stage. Baton Rouge has extensive flood controls and impacts are not expected to be significant. Long term forecast show minor flooding in New Orleans.

## State/Commonwealth Response:

- State of Emergency issued: OH, IL, IN & LA
- State EOC Activations: Partial Activation: IL & IN; Monitoring: KY, TN, & MS
- KY: National Guard, ESFs, State agencies, and search and rescue teams on alert; sandbags and water pumps have been dispatched/provided
- MS: Potential for recovery support in counties along Mississippi River is likely within 30 days
- Shelters/occupants: IN 4(+2)/19(-10); IL 3/27(-11); MI 2/64(-6); KY 5/27(-15), OH 1(-2)/1(-5) (*ARC Midnight Shelter Count as of 5:32 am EST*)

## FEMA Regional Response:

- Regions IV, V, VI & VII continue to monitor the situation and provide daily analysis
- LNO deployed to IN; LNOs identified for AR, LA, and TX



Based on current analysis, forecast rainfall and river gauges, there are no widespread significant threats/impacts due to Riverine Flooding expected. Analysis from FEMA Regions IV and VI included

# Northeast Coastal Storm



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## Situation

- A significant coastal storm will bring high winds, heavy rain, areas of wet snow, and inland coastal flooding from the Mid-Atlantic to the Northeast tonight through Saturday

## Potential Impacts

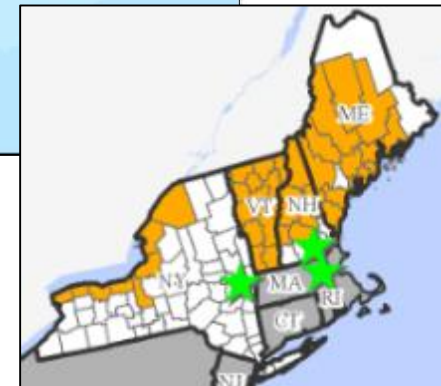
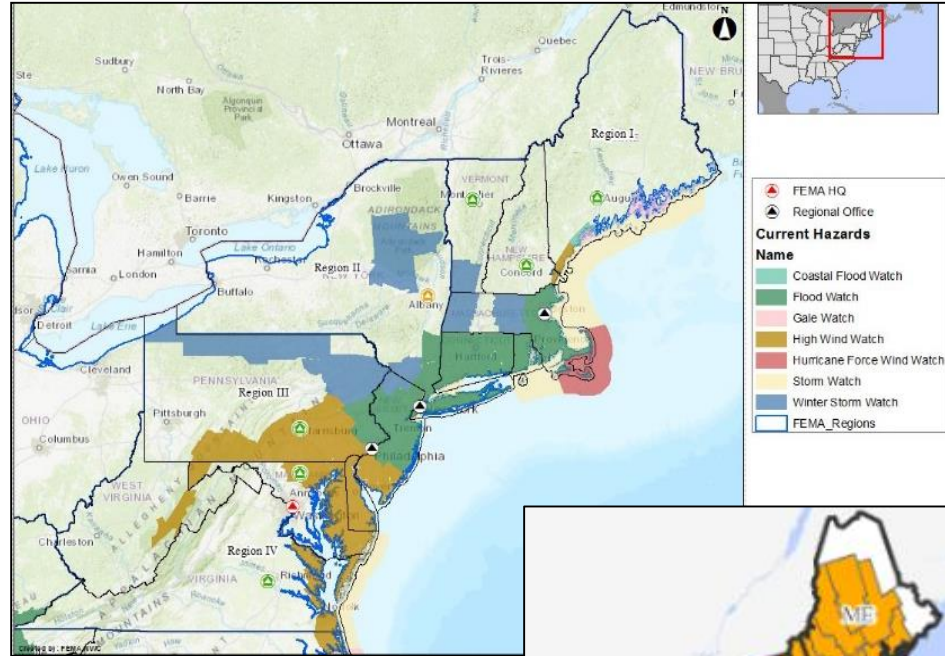
- Moderate to major coastal flooding
- Beach erosion will be significant along eastern facing coastlines
- High winds/strong wind gusts
- Power outages and road closures
- Mandatory evacuations likely along the coast (Region I)

## State/Local Response

- Region I: MA SEOC and the REOCs in Bridgewater and Tewksbury may activate Friday morning
- Region II: States continue to monitor
- Region III: States continue to monitor

## Federal Response

- Region I, II and III RWCs continue to monitor and coordinate with States
- **Region II:** May close the area field offices in Niagara and Jefferson counties and the JFO in Albany, NY on Friday depending on the forecast; personnel are prepared to telework if needed with minimal impact to operations
- Region III: Minor coastal flooding and beach erosions, isolated power outages, and road closures due to downed trees and high winds, are expected





# Thursday, March 1, 2018

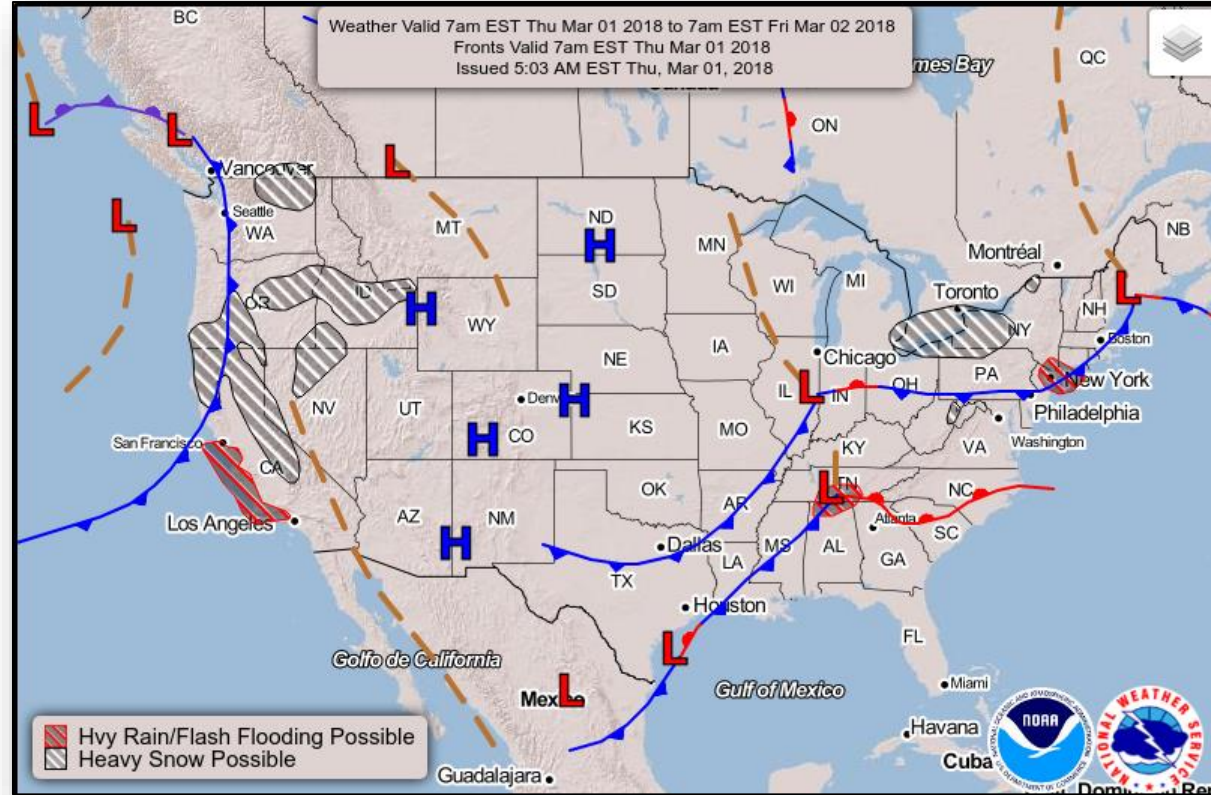


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## West Coast

**Hazards:**  
SoCal Mountains and burn scar areas can expect 1-3" of heavy rain. Slight risk of Flash Flooding

Heavy Sierra snowfall will be measured in feet with high winds at higher elevations.



## East Coast

**Hazards:**  
Nor'easter off East Coast tonight. Heavy rain (1-2") developing and a slight risk of flash flooding NYC area late. Heavy snow inland (6-12"), winds strengthen.

**Mid South:**  
Flash flood risk gradually subsides after 1-3", locally 5" of rain fell through early today from DFW area to TN.



# Friday, March 2, 2018

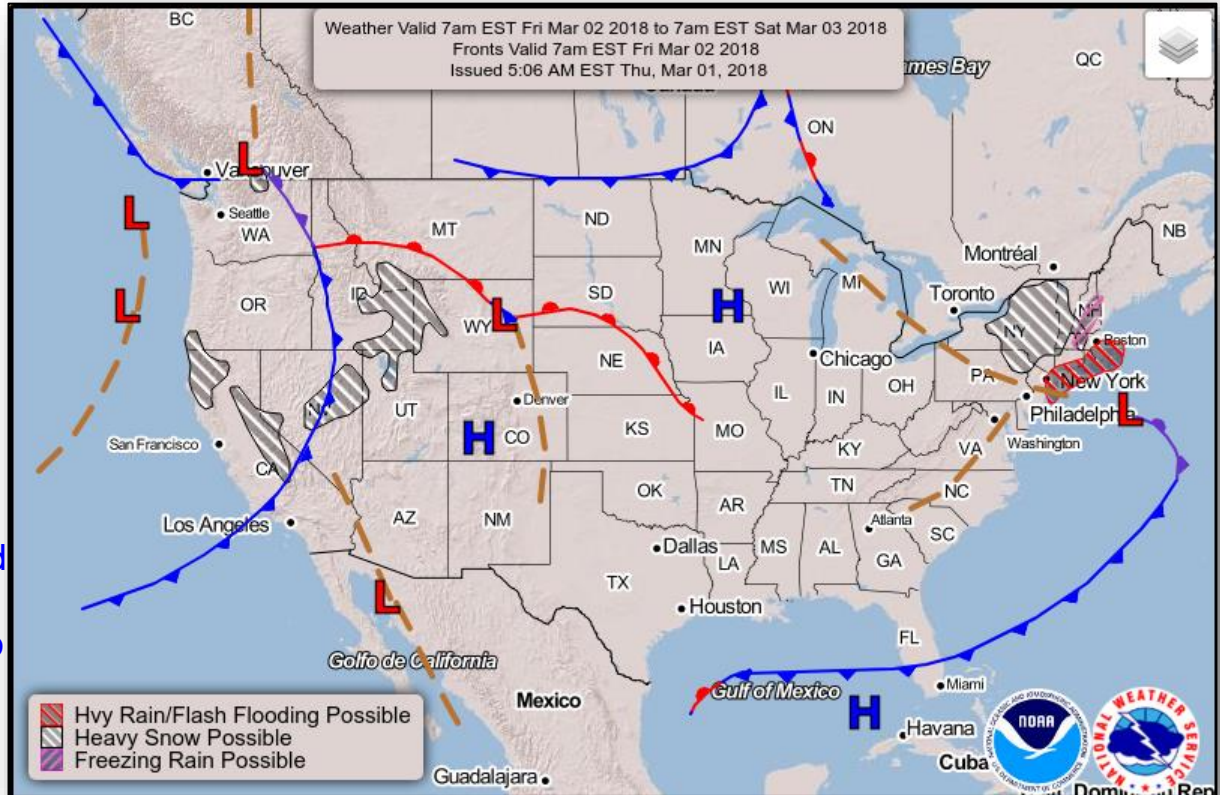


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### West Coast Hazards:

SoCal Mountains and burn scar areas can expect up to another inch of rain but flash flood threat subsides.

Heavy Sierra snowfall and high winds continue and heavy snow (~1 foot) moves east to Intermountain areas.



### East Coast Hazards:

Major Nor'easter in full force. Heavy rain (1-4") and a risk of flash flooding from NYC to BOS.

Freezing rain possible in NH

Heavy snow inland (total ~18").

Widespread damaging wind gusts 50-70 mph



# Saturday, March 3, 2018

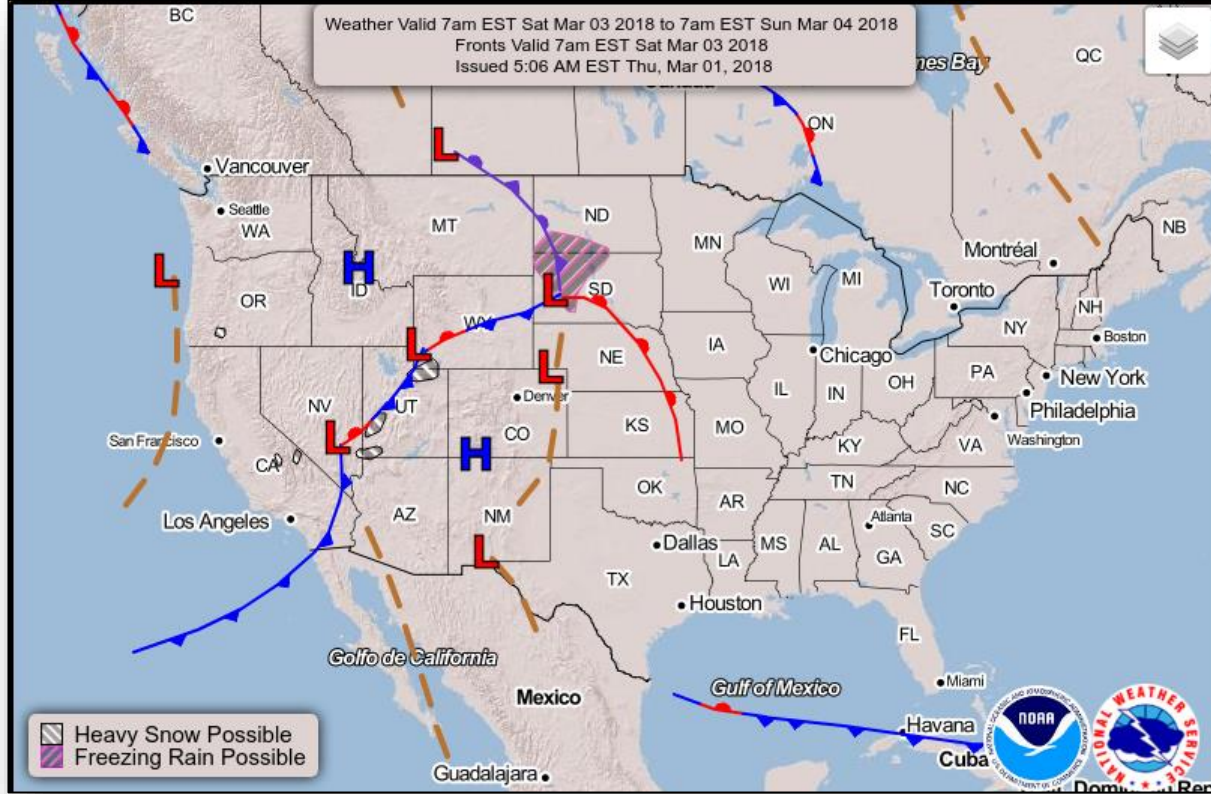


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## Interior West Hazards:

Locally heavy snowfall and high winds across Intermountain areas with maximum accumulations around a foot in UT.

Light freezing rain developing in the western Dakotas



## East Coast Hazards:

Wind gusts 30-50 mph, especially eastern New England.

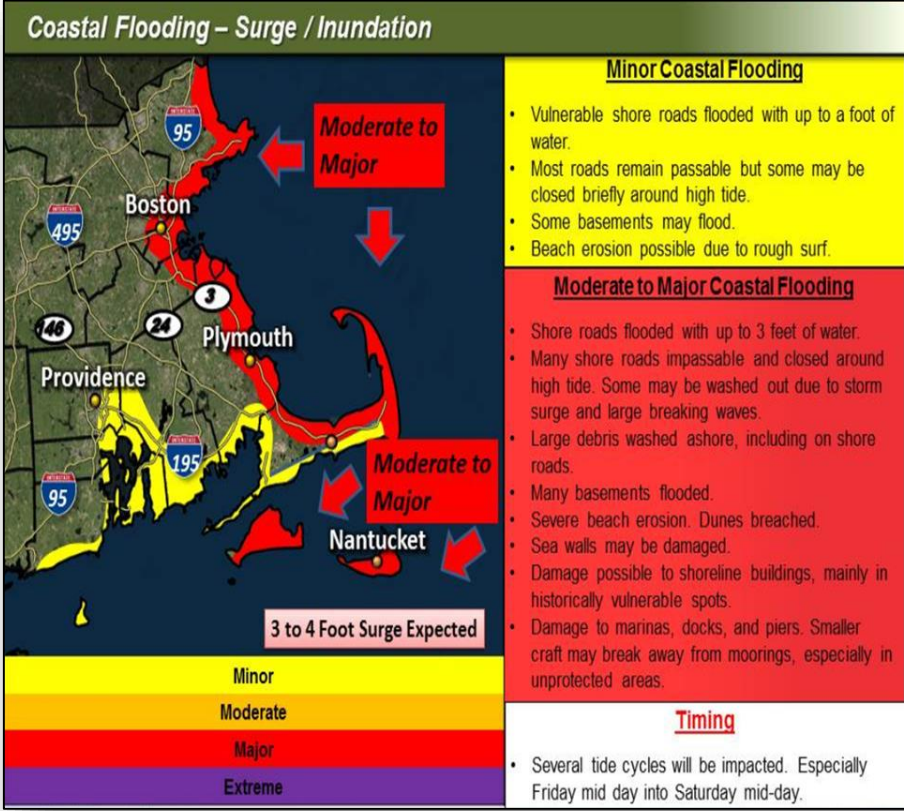
Lingering light rain and snow as large Atlantic storm moves east.



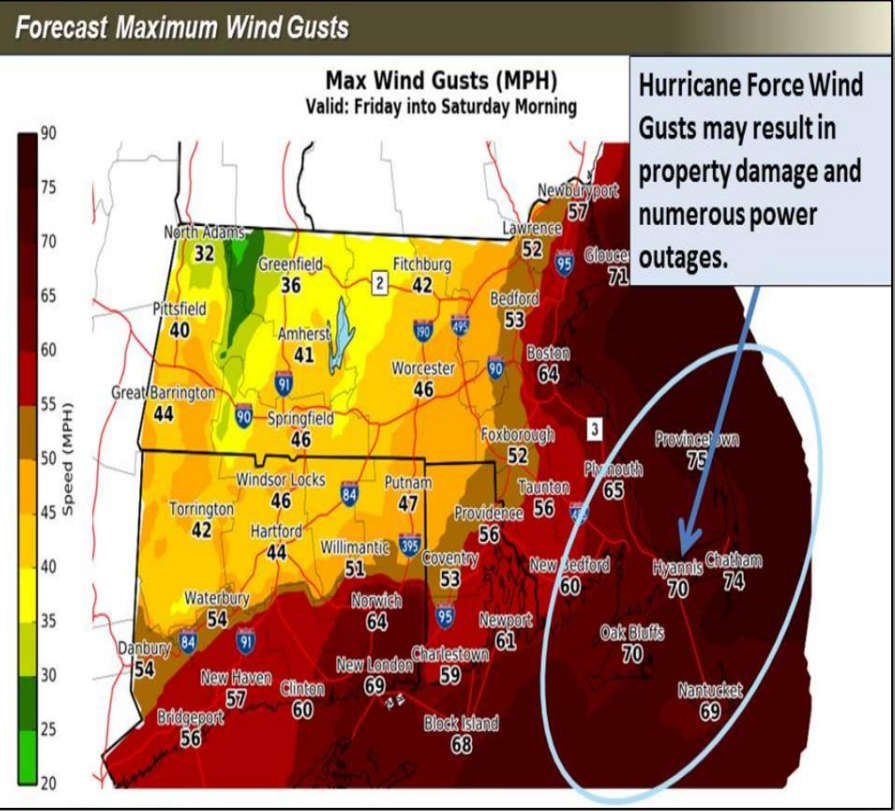
# Coastal Flooding



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- #### Minor Coastal Flooding
- Vulnerable shore roads flooded with up to a foot of water.
  - Most roads remain passable but some may be closed briefly around high tide.
  - Some basements may flood.
  - Beach erosion possible due to rough surf.
- #### Moderate to Major Coastal Flooding
- Shore roads flooded with up to 3 feet of water.
  - Many shore roads impassable and closed around high tide. Some may be washed out due to storm surge and large breaking waves.
  - Large debris washed ashore, including on shore roads.
  - Many basements flooded.
  - Severe beach erosion. Dunes breached.
  - Sea walls may be damaged.
  - Damage possible to shoreline buildings, mainly in historically vulnerable spots.
  - Damage to marinas, docks, and piers. Smaller craft may break away from moorings, especially in unprotected areas.
- #### Timing
- Several tide cycles will be impacted. Especially Friday mid day into Saturday mid-day.



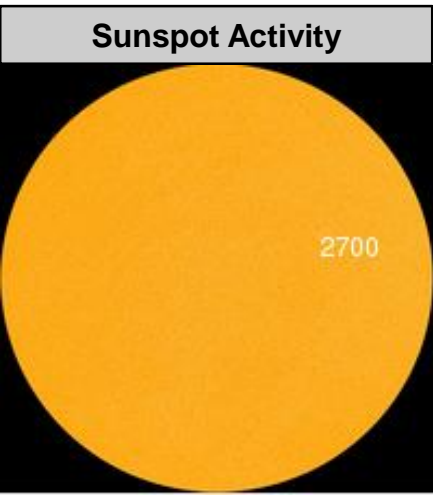
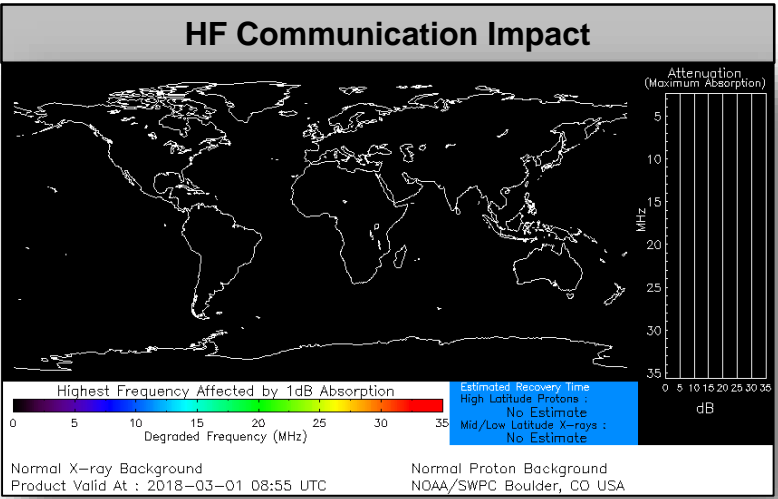
# Space Weather



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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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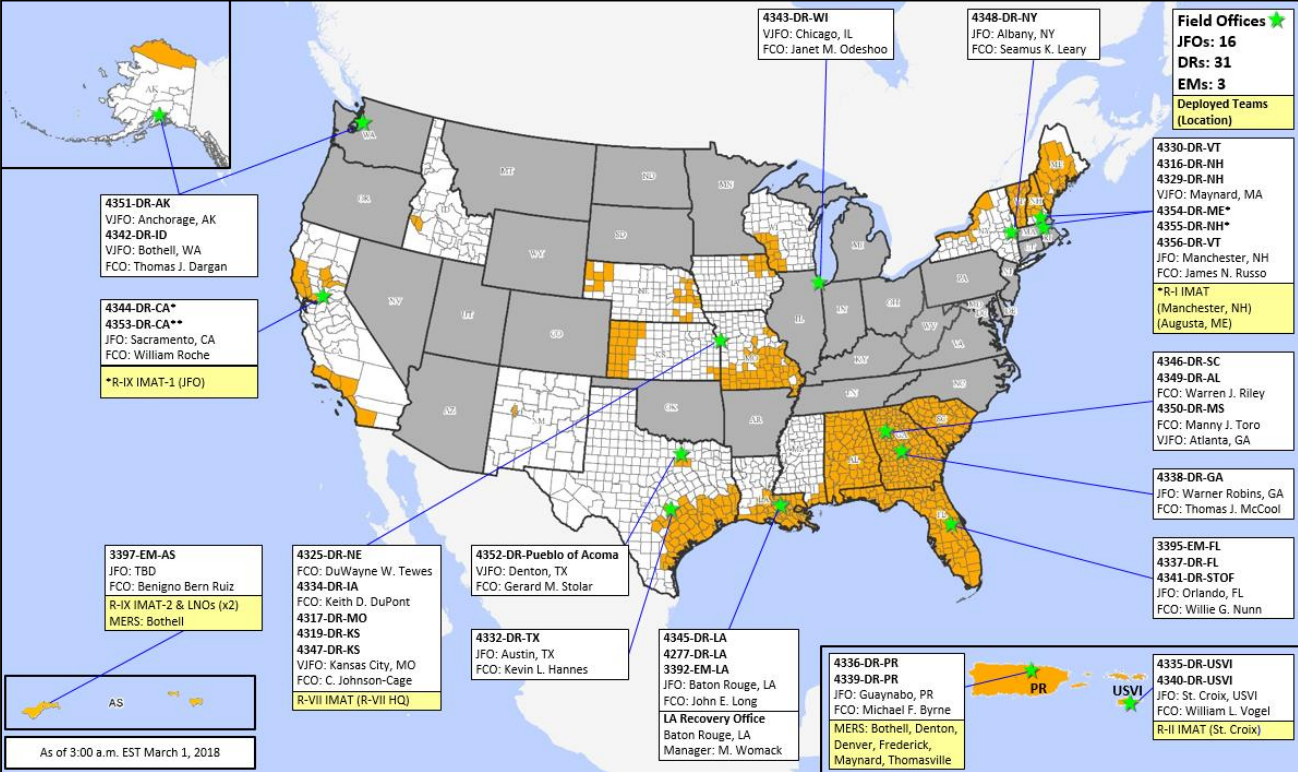
Region	State / Location	Event	IA / PA	Number of Counties		Start – End
				Requested	Completed	
III	WV	Severe Weather and Flooding February 15, 2018	IA	N/A	N/A	N/A
			PA	22	17	2/22 – TBD
IV	KY	Rains, Mudslides and Flooding February 9, 2018 and continuing	IA	N/A	N/A	N/A
			PA	22	11	2/22 – TBD



# Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability
<b>Total Workforce</b>	12,130 ▲	4,127 ▼ 34%	5,117 ▲	2,886	DI 19% (16/83); EHP 12% (44/355); IT 23% (143/627); LOG 23% (290/1,242); NDRS 23% (57/252); PA-NEW 16% (314/1,915); SAF 12% (8/67); SEC 10% (10/104)
<b>National IMATs</b> (3 Teams)	East 1:	<b>B-48</b>			
	East 2:	<b>Charlie</b>			
	West:	<b>B-2</b>			
<b>Regional IMATs</b> (> 6 Teams)	Assigned:	<b>13</b>			
	Available:	<b>7</b>			
	PMC / NMC:	<b>1</b>			
	Deployed:	<b>5</b>			
<b>US&amp;R</b> (> 66%)	Assigned:	<b>28</b>			
	Available:	<b>28</b>			
	PMC / NMC:	<b>0</b>			
<b>MERS</b> (> 66%)	Assigned:	<b>36</b>			
	Available:	<b>35</b>			
	NMC:	<b>0</b>			
<b>FCO</b> (≤ 1 Type I)	Assigned:	<b>35</b>			
	Available:	<b>6</b>			
	PMC / NMC:	<b>4</b>			
	Deployed:	<b>25</b>			
<b>FDRC</b> (≥ 3)	Assigned:	<b>14</b>			
	Available:	<b>4</b>			
	PMC / NMC:	<b>1</b>			
	Deployed:	<b>9</b>			



\* 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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Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason / Comments
NWC		5	Steady State				
NRCC		2	Available				NRCS BLUE TEAM ON FOR MARCH Exercise Today to log in between 8-10
HLT		1	Available				
RWCs/MOCs		10	Steady State				
RRCCs		10	Available				

Backup Regions: VIII, X, & III



# FEMA

**FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.**