

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

Friday, March 2, 2018

8:30 a.m. EST

Northeast Coastal Storm



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Situation

- A strong coastal low southeast of New England will rapidly deepen today producing rain, wet heavy snow, strong gusty winds, and coastal and inland flooding in the Mid-Atlantic and Northeast before departing eastward tonight
- Latest Watches/Warnings: <https://www.weather.gov/>

Impacts

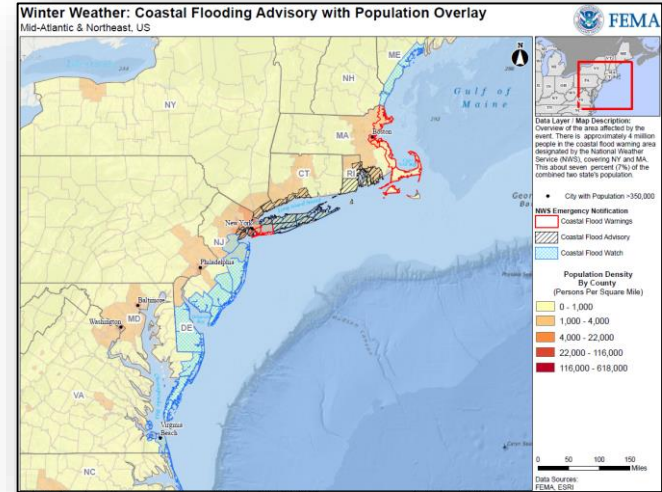
- Coastal flooding and backwater inundation - evacuations likely in coastal areas
- Customer power outages across Regions I – III (as of 7:00 am EST)*
 - Region I: 7k (MA/4.5k, VT/1.8k)
 - Region II: 70k (NY/6937k)
 - Region III: 327k (MD60k, VA194k, PA/26k, WV32k)
- Damaged structures due to water and high winds
- Mass transit and transportation delays (air, rail, sea, and road)
- Potential to exacerbate ongoing ice jam situation in central and northern NY

State/Local Response

- MA EOC at Full Activation (as of 8:00 am EST)
- MD & PA EOCs at Partial Activation
- NJ & CT EOCs will go to Partial Activation at 1 (CT at 12:00 p.m. EST)
- DE & VA EOCs at Monitoring

FEMA Response

- FEMA Regions I-III are monitoring
- Region I issued Warning Order for coastal storm event and received LNO request from MA
- FEMA NWC has rostered Enhanced Watch



**Customer outage data is provided by the Department of Energy's EAGLE-I system. Comprehensive National coverage of all electrical service providers is not available.*

Southern California Flooding



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Situation

- Moderate chance of debris flow near recent burn scar areas (Sherpa, Whittier and Thomas Fires)
- Rainfall amounts of .7 inches per hour observed on the scar
- Hourly rainfall rates through Friday morning will be moderate to heavy; heaviest through 10:00 am EST
- Flash Flood Warning in effect for Santa Barbara County through this morning

Potential Impacts

- Moderate to minor debris flow for recent burn scar areas; Ventura County could be impacted by debris flow
 - potential debris flows are expected to be significantly less than the major debris flows that occurred in early January this year
- Urban and small stream flooding

State/Local Response

- Santa Barbara County EOC at Full Activation
- CA Southern Regional EOC at Partial Activation
- Shelters open/occupants:
 - Santa Barbara – 1/26
- Evacuations:
 - Santa Barbara County – Mandatory near the Thomas, Whittier, and Sherpa burn scars (approx. 20k people)
 - Ventura County - Voluntary

FEMA Response

- Region IX RWC continues to monitor
- NWC continues to monitor and coordinate with Region IX RWC



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 - FINAL



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Current Situation:

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 & MS. No wide spread significant threats to populations expected.
- PDA: Additional PDA requests likely for KY (PA PDAs for 22 counties began February 22 for previous event); potential for PDA requests for TN & MS once flooding receded

Region VI:

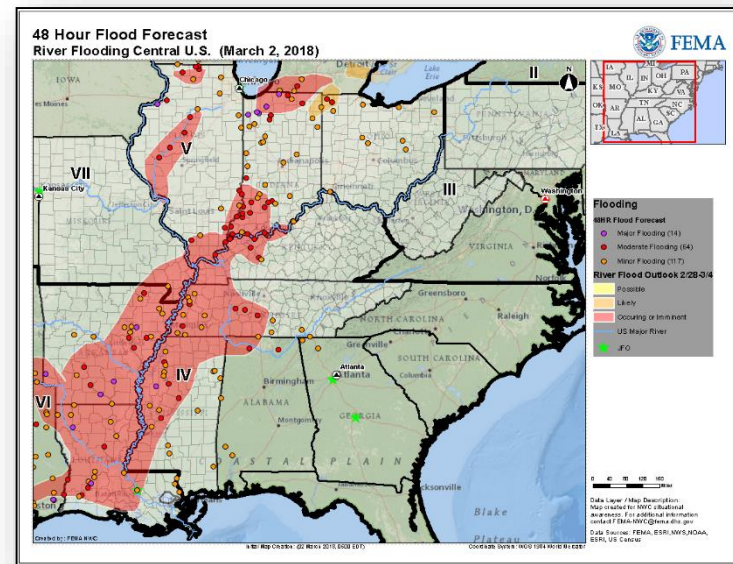
- AR: Localized flooding in low lying, agricultural and [recreational areas and flooding of some state highways and local roads](#). No wide spread significant threats to populations expected.
- TX: Flooding to recreational areas and possibly to unprotected homes near Neches River Saltwater Barrier (near Beaumont)

State/Commonwealth Response:

- State of Emergency issued: OH, IL, IN & LA
- State EOC Activations: Partial Activation: IL, IN & OH; Monitoring: KY & TN; [MS returned to Normal Operations](#)
- KY: National Guard, ESFs, State agencies, and search and rescue teams on alert; sandbags and water pumps have been dispatched/provided
- [Shelters/occupants](#): IN 4/19; IL 3/27; MI 2/35; KY 5/32, OH 2/0 (*ARC Midnight Shelter Count as of 5:31 am EST*)

FEMA Regional Response:

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



Today's Highlights Mar. 2, 2018



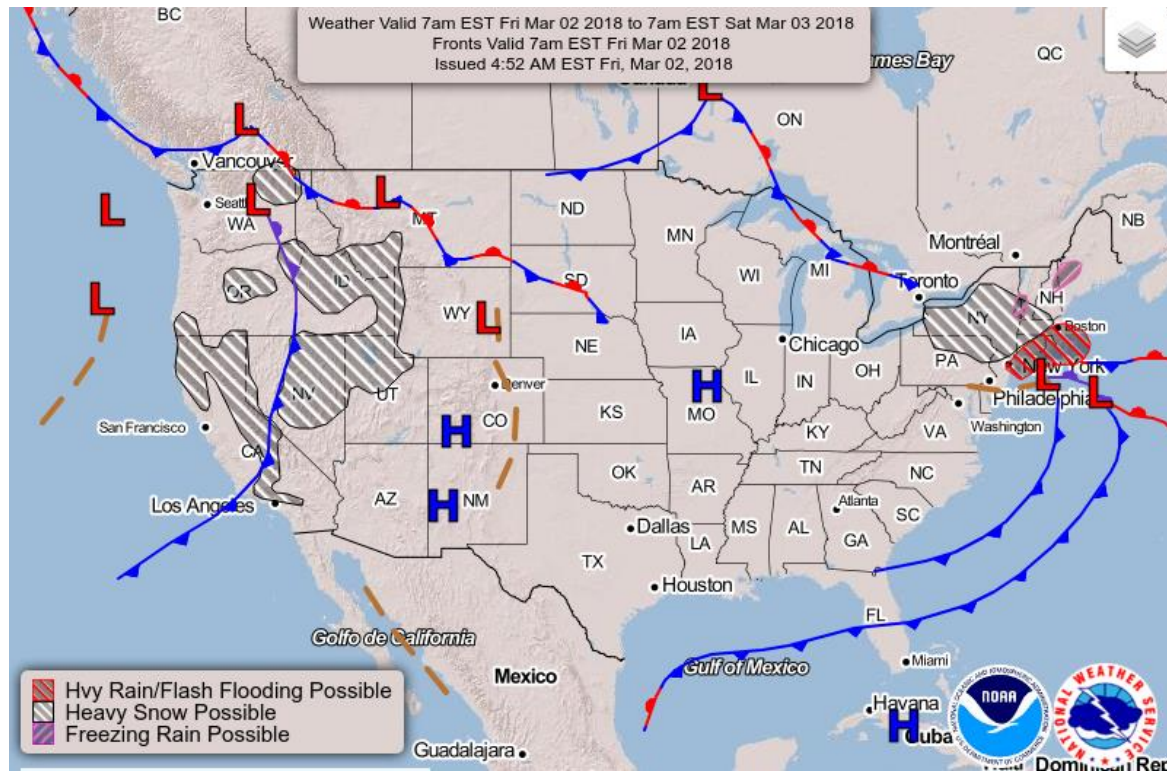
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West Coast

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 (1-5") and a risk of flash flooding from NYC to BOS.

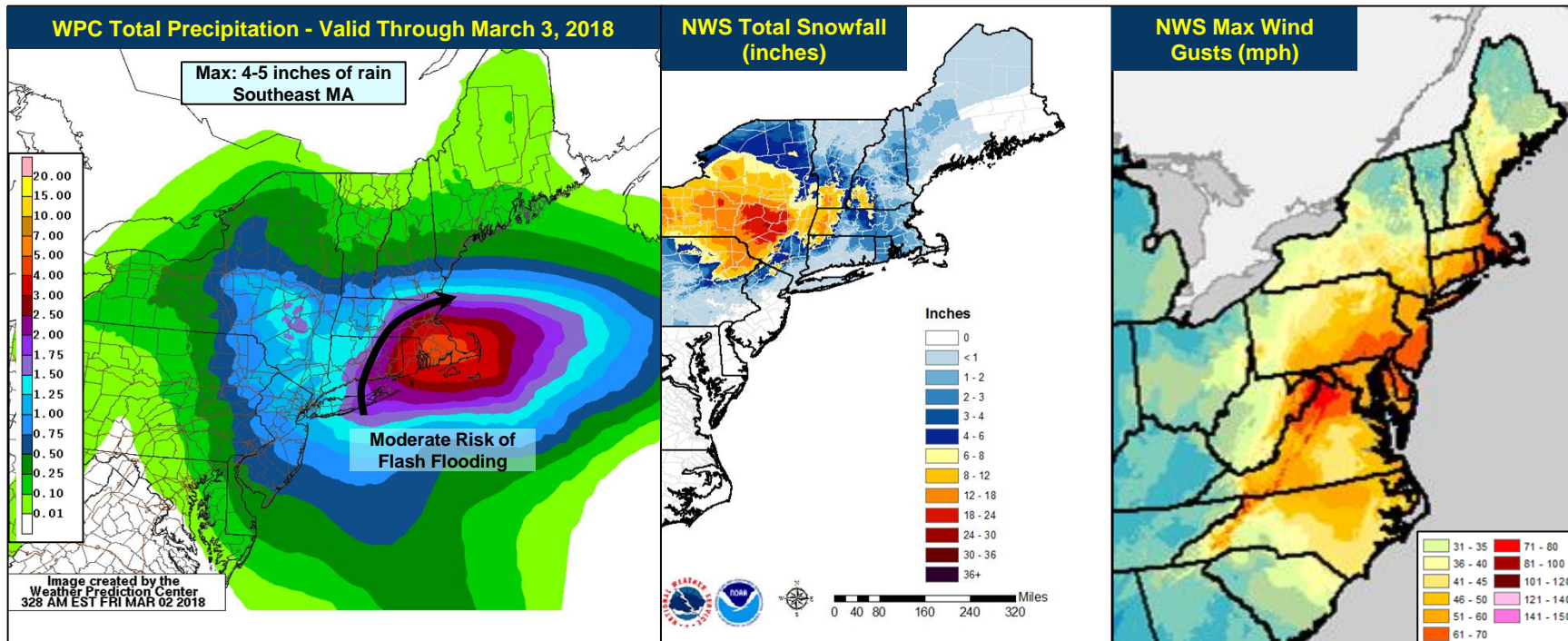
Heavy snow inland (total ~18").

Widespread damaging wind gusts 50-70 mph

Through Saturday, Mar. 3, 2018



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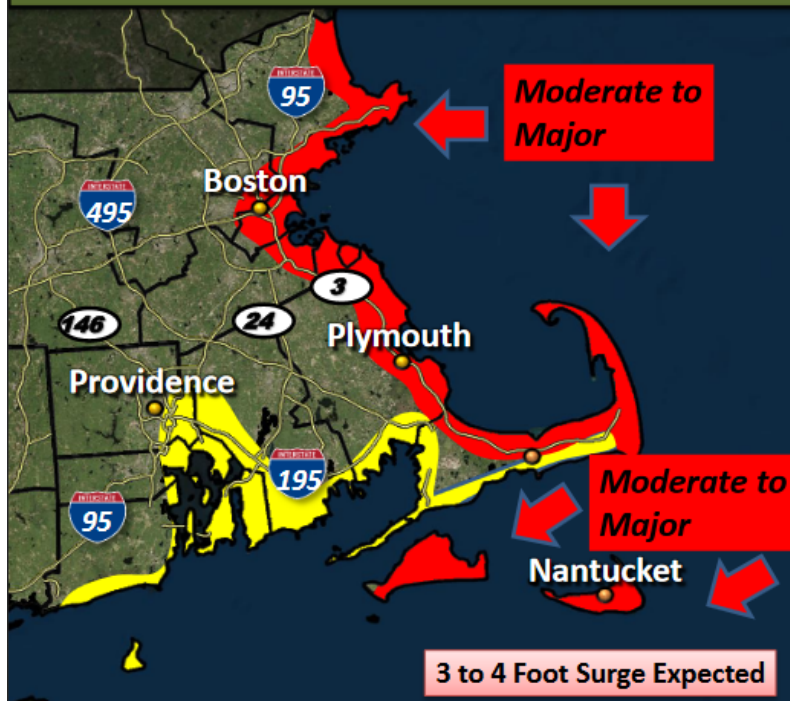
Another Northeast winter storm is possible by the middle of next week, Wed-Thu Mar. 7-8.

Through Saturday, Mar. 3, 2018



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Coastal Flooding – Surge / Inundation



Minor

Moderate

Major

Extreme

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.

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	14	2/22 – TBD
IV	KY	Rains, Mudslides and Flooding February 9, 2018 and continuing	IA	N/A	N/A	N/A
			PA	22	15	2/22 – TBD

Disaster Requests & Declarations



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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
3	IA	PA	HM	Date Requested	0	0
AK – DR Severe Storm		X	X	January 25, 2018		
MT – (Appeal) Wildfires		X	X	January 26, 2018		
AS – DR Tropical Storm Gita	X	X	X	February 25, 2018		

Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability
Total Workforce	12,135 ▲	4,128 ▲ 34%	5,128 ▲	2,879	DI 18% (15/83); EHP 12% (41/355); IT 23% (147/627); LOG 23% (287/1,242); NDRS 24% (61/252); PA-NEW 16% (315/1,916); SAF 15% (10/67); SEC 11% (11/104)
National IMATs (3 Teams)	East 1: East 2: West:	B-48 Charlie B-2			
Regional IMATs (> 6 Teams)	Assigned: Available: PMC / NMC: Deployed:	13 6 2 5			
US&R (> 66%)	Assigned: Available: PMC / NMC: Deployed:	28 28 0 0			
MERS (> 66%)	Assigned: Available: NMC: Deployed:	36 35 0 1			
FCO (≤ 1 Type I)	Assigned: Available: PMC / NMC: Deployed:	35 5 5 25			
FDRC (≥ 3)	Assigned: Available: PMC / NMC: Deployed:	14 4 1 9	<p>As of 3:00 a.m. EST March 2, 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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Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason / Comments
NWC		5	Steady State				
NRCC		2	Available				
HLT		1	Available				
RWCs/MOCs		10	Steady State				
RRCCs		10	Available				

Backup Regions: VIII, X, & III



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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.