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Daily Operations Briefing

Monday, March 26, 2018

8:30 a.m. EDT

Significant Activity – Mar 23-26



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Significant Events: None

Tropical Activity: Western Pacific – No activity affecting U.S. interests

Significant Weather:

- Severe Thunderstorms – Southern Plains
- Flash Flooding – Southern Plains to Middle Mississippi Valley
- Freezing Rain – Upper Mississippi Valley and Great Lakes
- Critical/Elevated Fire Weather – Desert Southwest to the Southern/Central Plains
- Red Flag Warnings – NM
- Space Weather: Past 24 hours: None; Next 24 hours: None

Earthquake Activity: No significant activity

Declaration Activity: None

Space Object Reentry – Tiangong-1



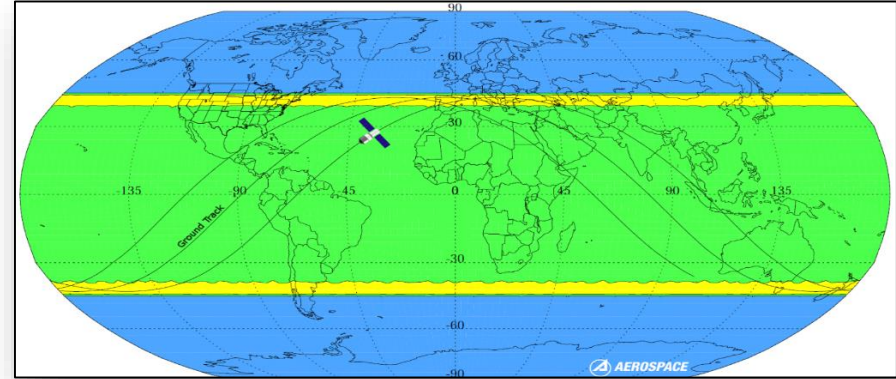
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Current Situation

- Tiangong-1 is the first space station built & launched by China
 - International Designation: 2011-053A
 - Length: 10.4 m; Diameter: 3.35 m; Mass: 8,506 kg
 - No astronauts on board
- **Reentry:**
 - Predicted reentry date: April 1st (± 3 days)
 - Assumes an uncontrolled reentry - no thrusting
 - Location expected between 43° N and 43° S latitudes
 - Timing uncertainty is roughly 20% of the “time to go”

Potential Impacts

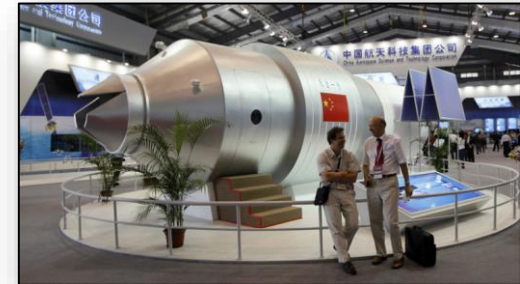
- There is a chance that small amount of debris may survive reentry and impact the ground
- Hazardous material, hydrazine, could survive reentry
 - Corrosive substance; do not touch or inhale
- **NOTE:** In the history of spaceflight, no one has ever been harmed by reentering space debris



Source: **Aerospace**

Graphic shows the relative probabilities of debris landing within a given region.

- Yellow indicates locations that have a higher probability
- Green indicates areas of lower probability
- Blue area has zero probability of debris reentry (1/3 of the Earth's surface)

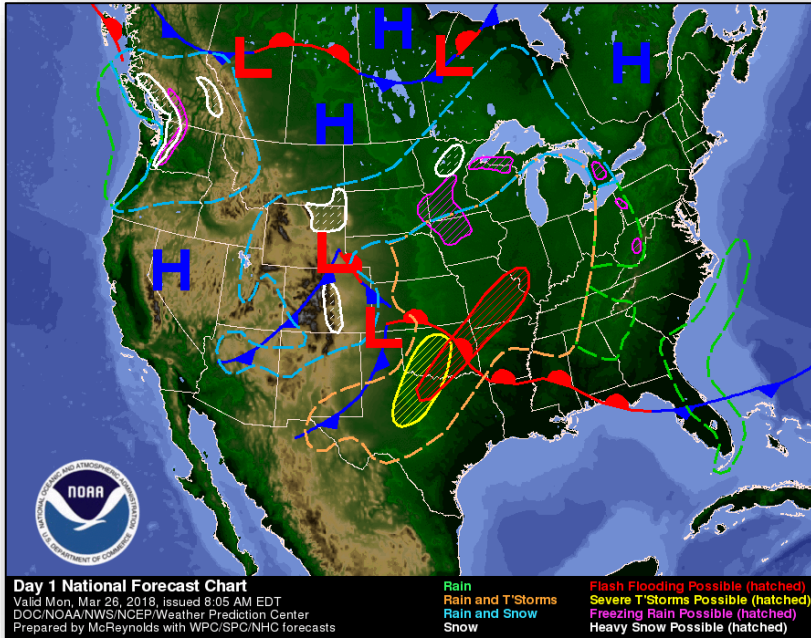


Model of the Tiangong-1 space lab

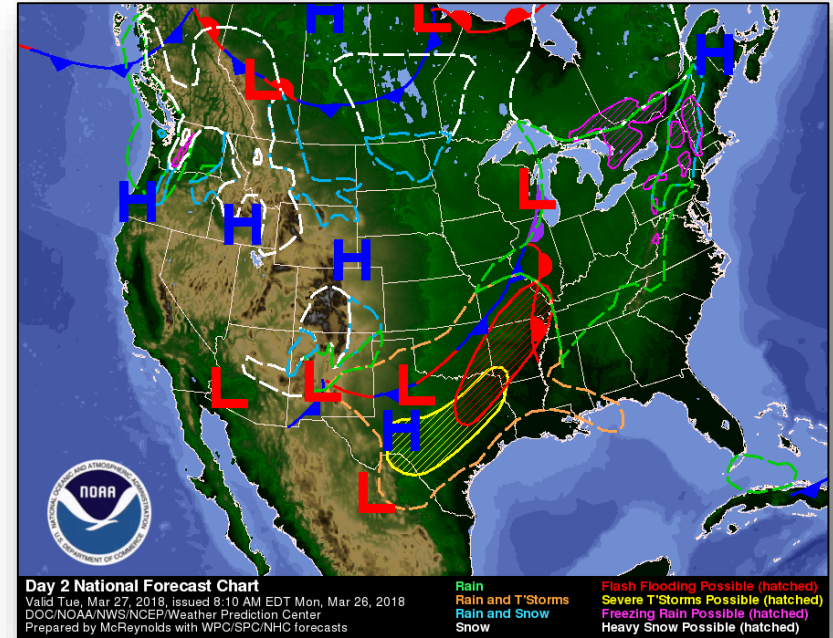
National Weather Forecast



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Today

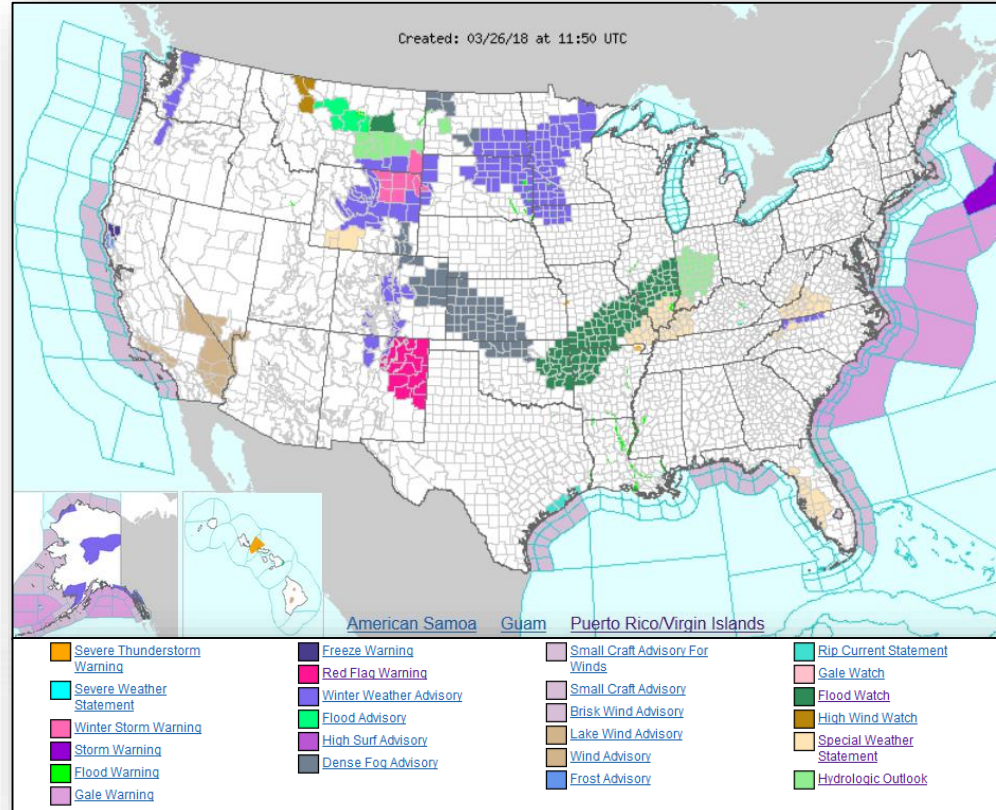


Tomorrow

Active Watches and Warnings



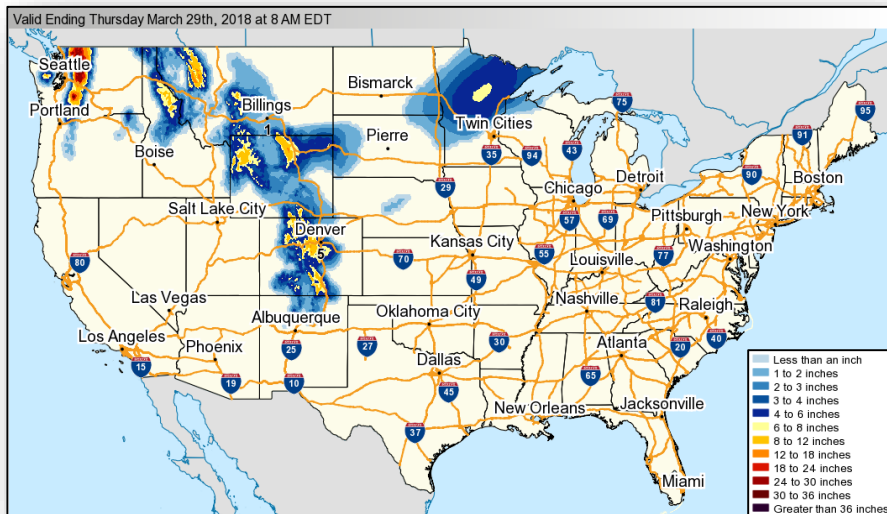
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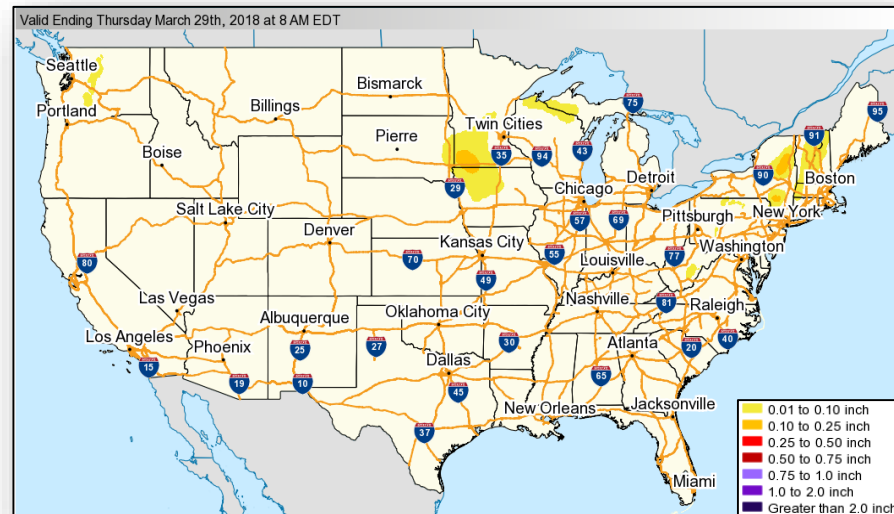
Winter Precipitation Outlook



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Forecast Snowfall

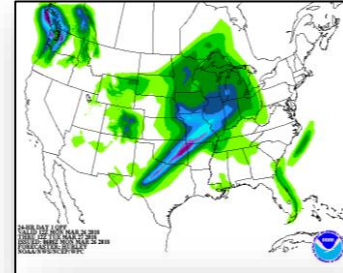
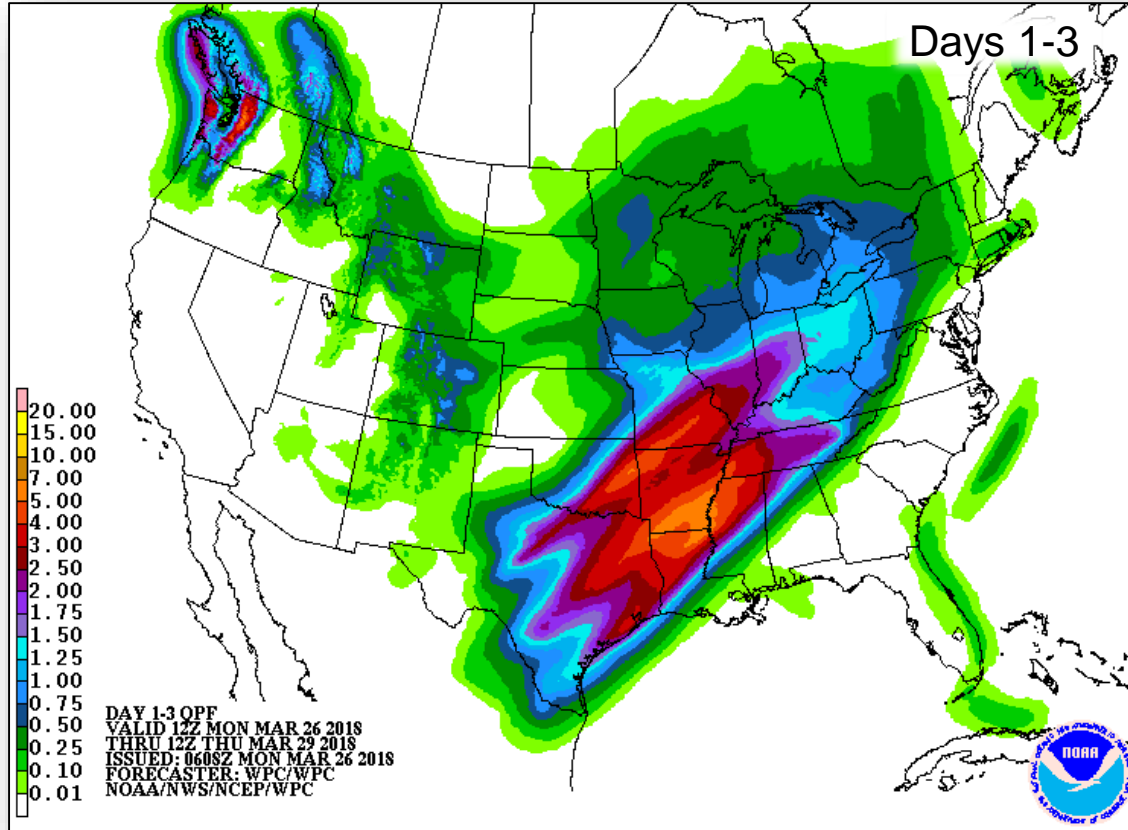


Forecast Ice Accumulation

Precipitation Forecast



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Day 1



Day 2

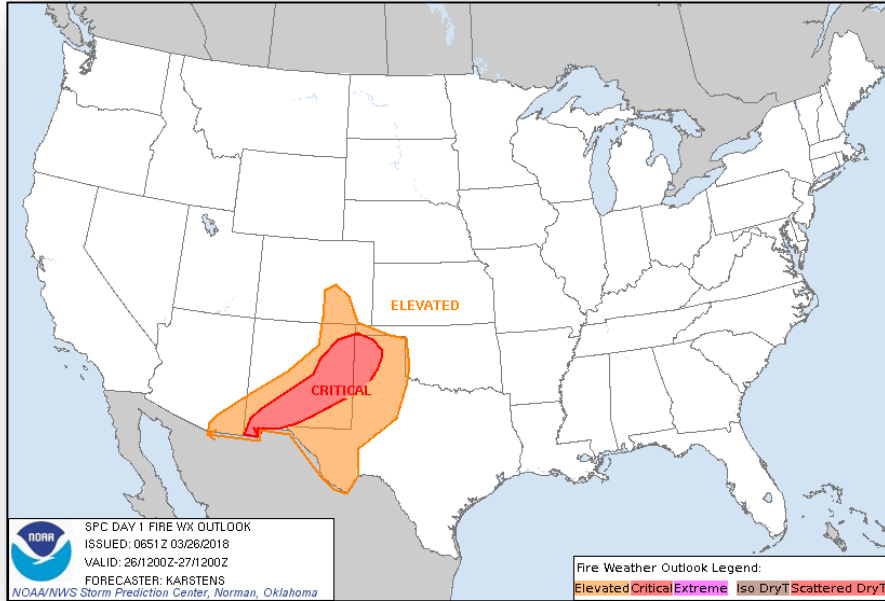


Day 3

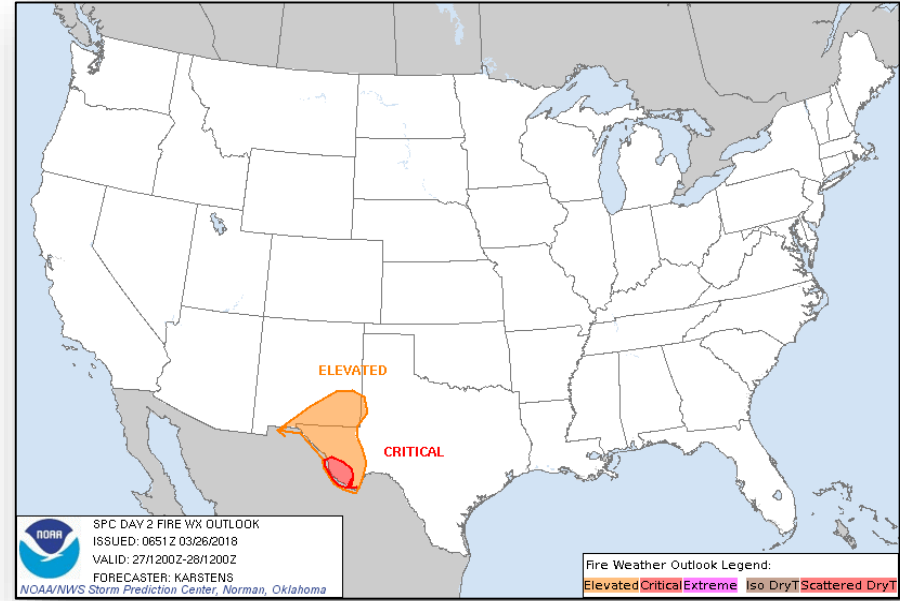
Fire Weather Outlook



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Today

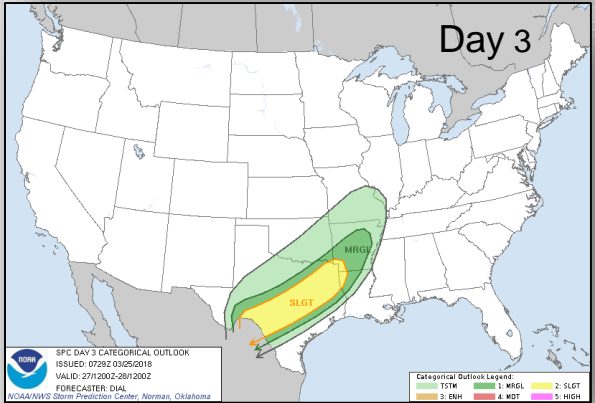
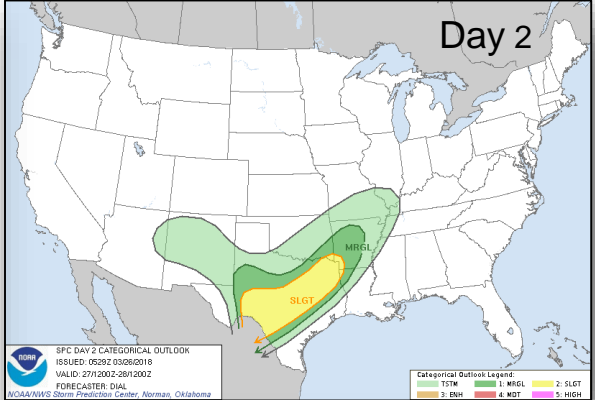
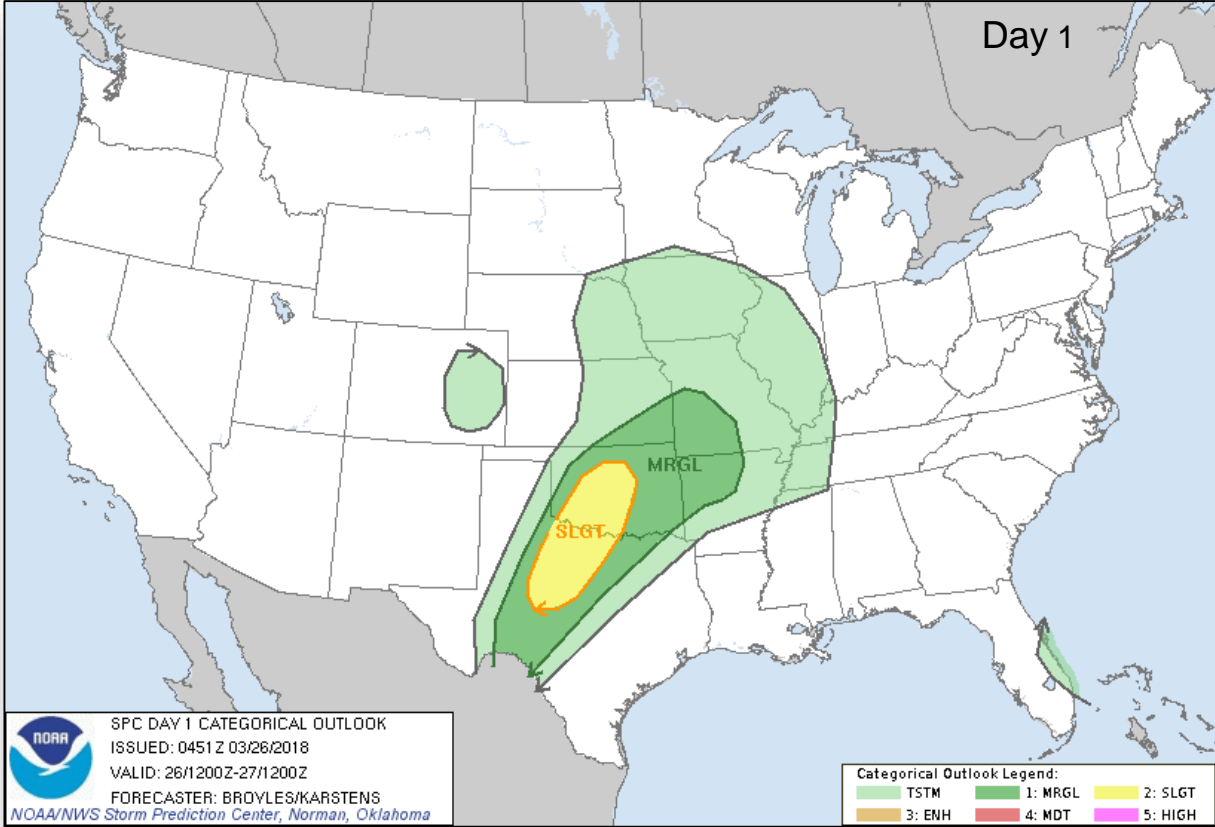


Tomorrow

Severe Weather Outlook



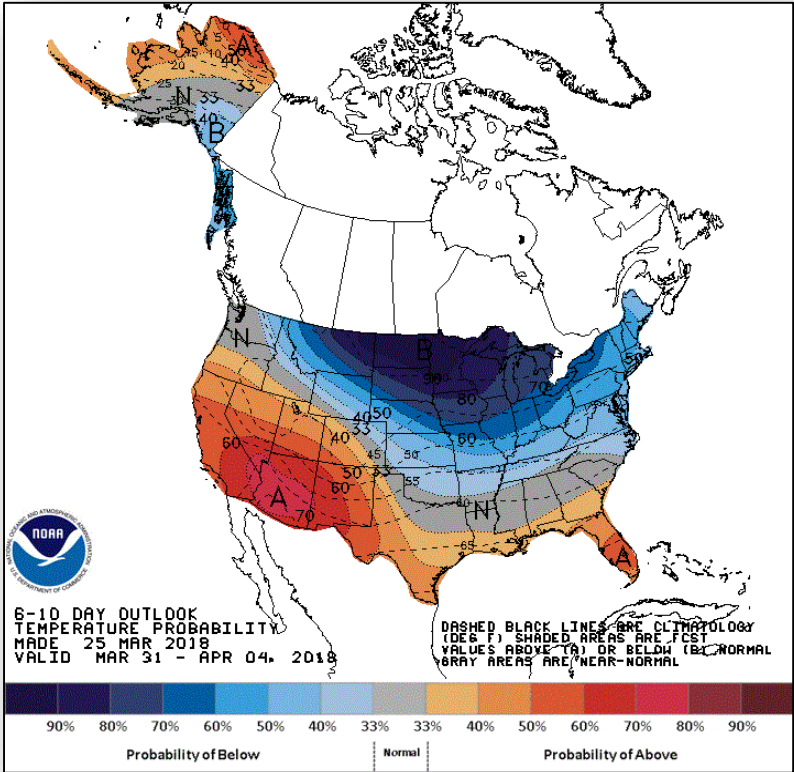
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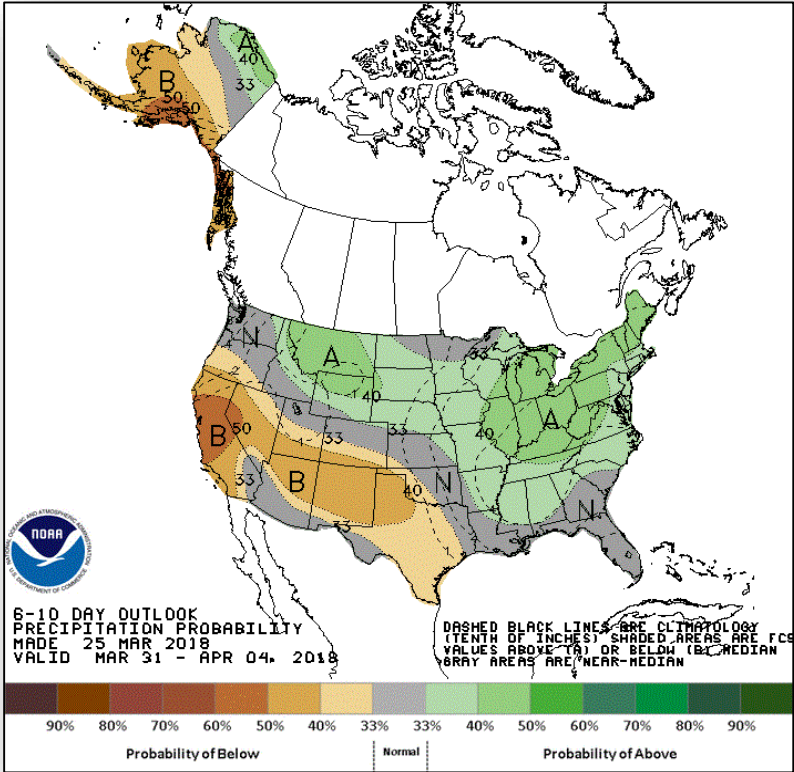
6-10 Day Outlooks



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6-10 Day Temperature Probability



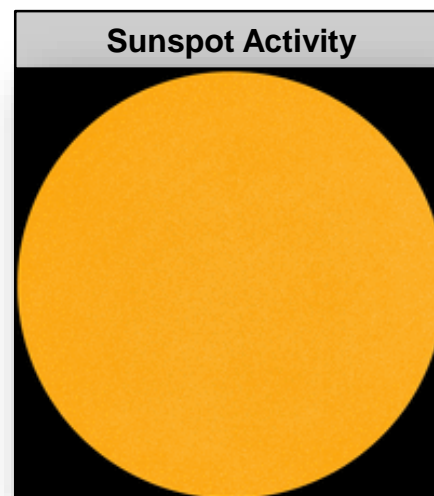
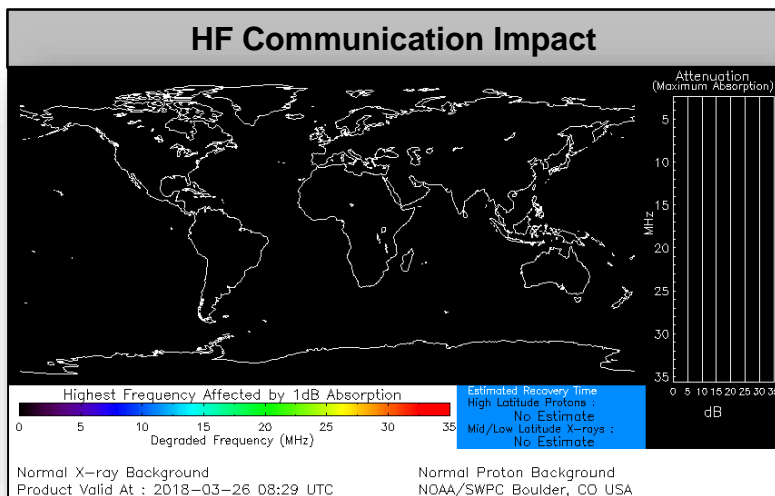
6-10 Day Precipitation Probability

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	Nor'easter March 2-4, 2018	IA	7	7	3/12 – 3/20
			PA	9	0	3/15 – TBD
	NH	Coastal Storm and Flooding March 2-3, 2018	IA	0	0	N/A
			PA	1	0	3/15 – TBD
	ME	Severe Storm March 2-4, 2018	IA	0	0	N/A
			PA	1	0	3/21 – TBD
IV	KY	Flooding February 21, 2018	IA	6	5	3/19 – TBD
			PA	34	18	3/19 – TBD
V	IN	Flooding February 14 – March 4, 2018	IA	9	3	3/19 – TBD
			PA	36	0	3/19 – TBD

Disaster Requests & Declarations



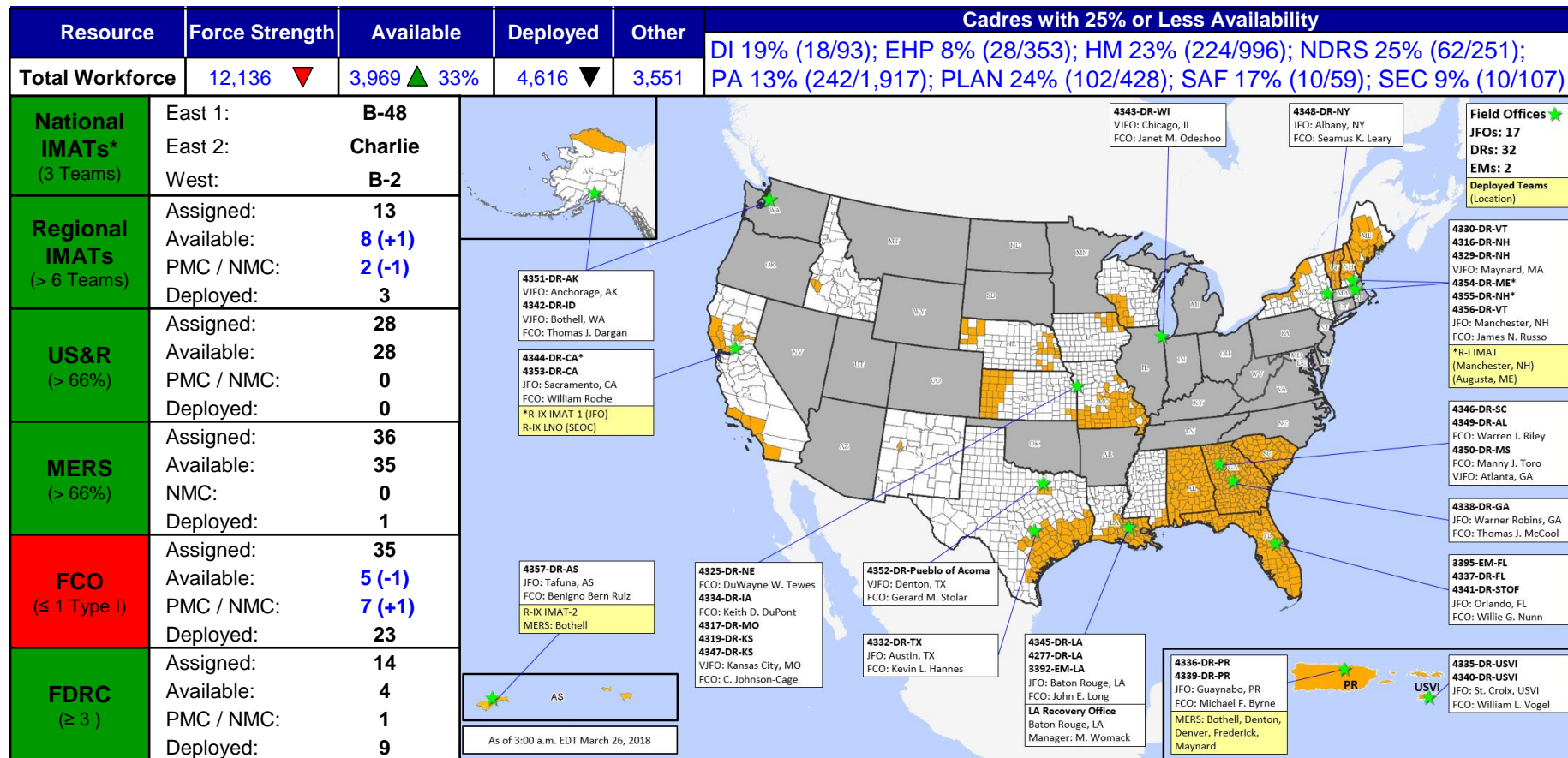
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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
4	IA	PA	HM	Date Requested	0	0
AK – DR Severe Storm		X	X	January 25, 2018		
MT – (Appeal) Wildfires		X	X	January 26, 2018		
KY – DR Severe Storm, Flooding, Landslides & Mudslides		X	X	March 8, 2018		
WV – DR Severe Storm, Flooding, Landslides & Mudslides		X	X	March 16, 2018		

Readiness – Deployable Teams and Assets



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* 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, V, & II



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