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.



## **FEMA**

## Daily Operations Briefing Monday, March 26, 2018 8:30 a.m. EDT

Significant Activity – Mar 23-26



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

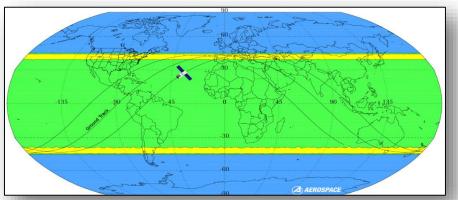


#### **Current Situation**

- Tiangong-1 is the first space station built & launched by China
  International Designation: 2011-053A
  - International Designation. 2011-000A
    Longth: 10.4 m; Diamotor: 3.35 m; Mass: 8.6
  - 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**

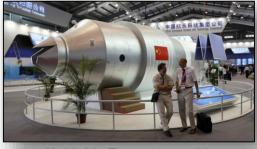
- There is a chance that small amount of debris may survive reentry and impact the ground
- Hazardous material, hydrazine, could survive reentry
  - o Corrosive substance; do not touch or inhale
- NOTE: In the history of spaceflight, no one has ever been harmed by reentering space debris



#### Source: Aerospace

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

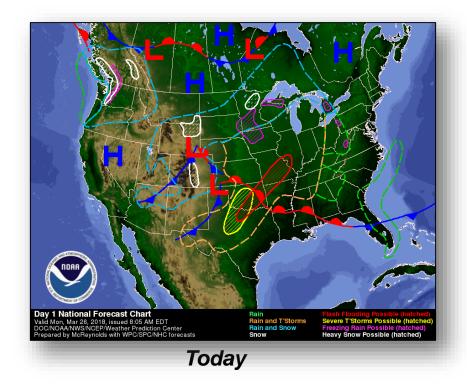
- Yellow indicates locations that have a higher probability
- · Green indicates areas of lower probability
- Blue area has zero probability of debris reentry (1/3 of the Earth's surface)

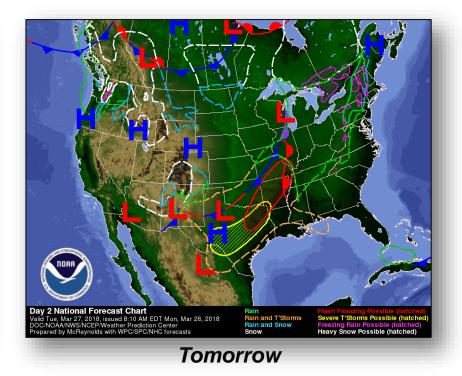


Model of the Tiangong-1 space lab

#### National Weather Forecast

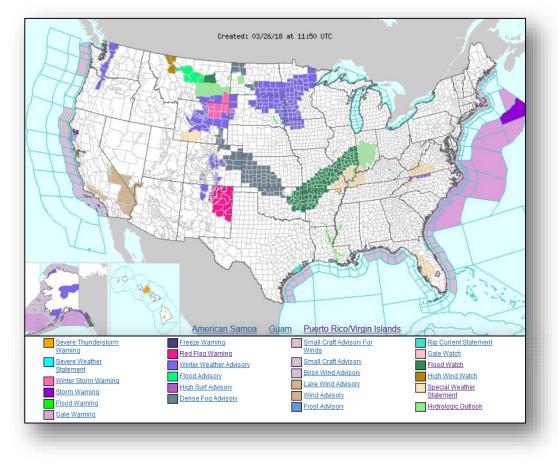






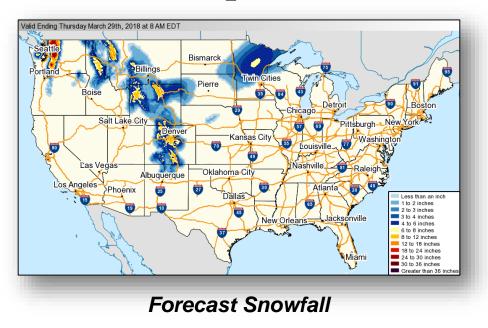
### Active Watches and Warnings





#### Winter Precipitation Outlook



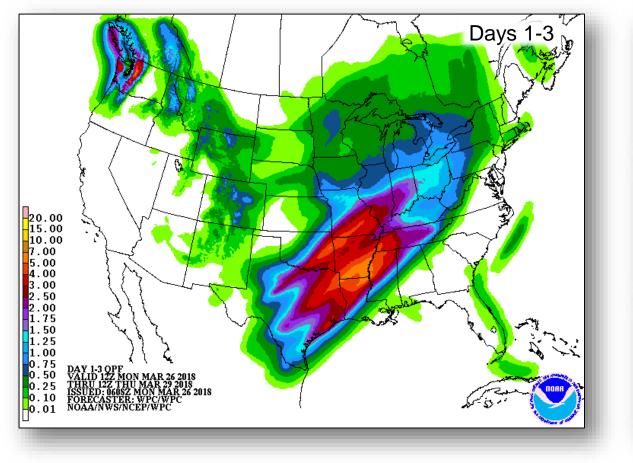


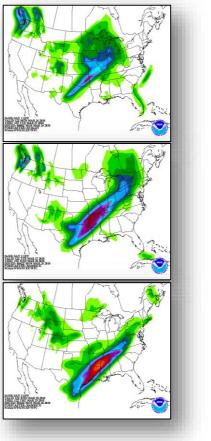


#### Forecast Ice Accumulation

### **Precipitation Forecast**







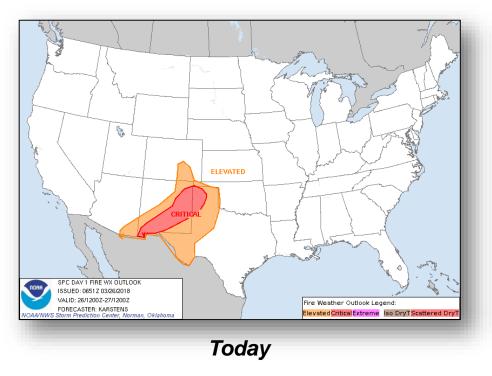
Day 1

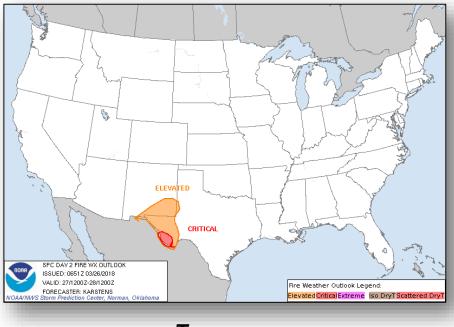
Day 2

Day 3

#### Fire Weather Outlook



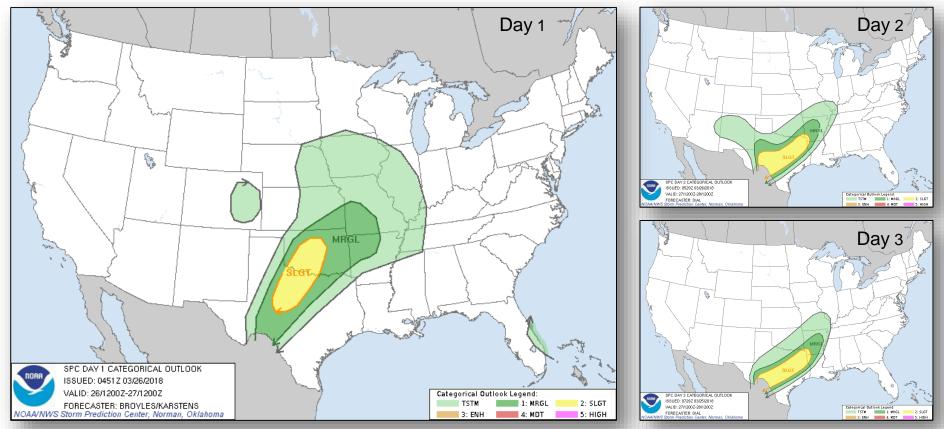




**Tomorrow** 

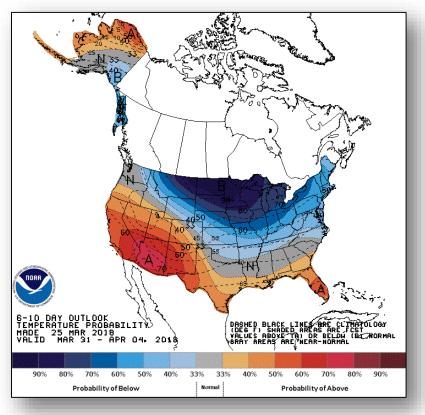
#### Severe Weather Outlook



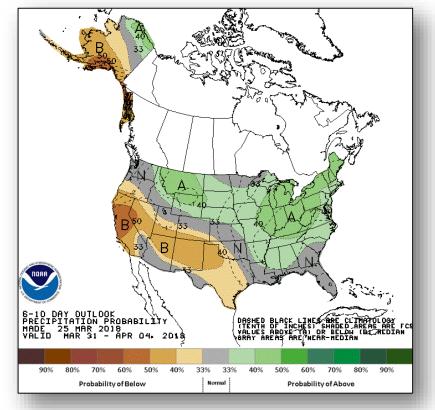


#### 6-10 Day Outlooks





6-10 Day Temperature Probability

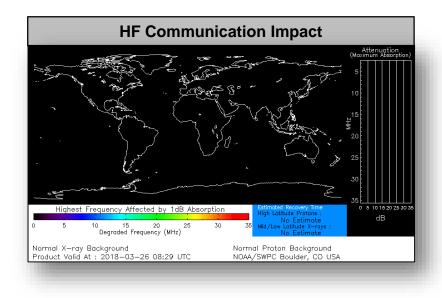


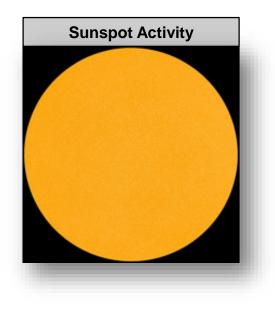
6-10 Day Precipitation Probability

### Space Weather



	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



Region	State /	Event	IA / PA	Number of Counties		Start – End	
Region	Location	Event		Requested	Completed	Start – End	
	MA	Nor'easter March 2-4, 2018		7	7	3/12 – 3/20	
				9	0	3/15 – TBD	
I	NH ME	Coastal Storm and Flooding March 2-3, 2018		0	0	N/A	
				1	0	3/15 – TBD	
		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	
IV			PA	34	18	3/19 – TBD	
V	IN	Flooding	IA	9	3	3/19 – TBD	
		February 14 – March 4, 2018	PA	36	0	3/19 – TBD	

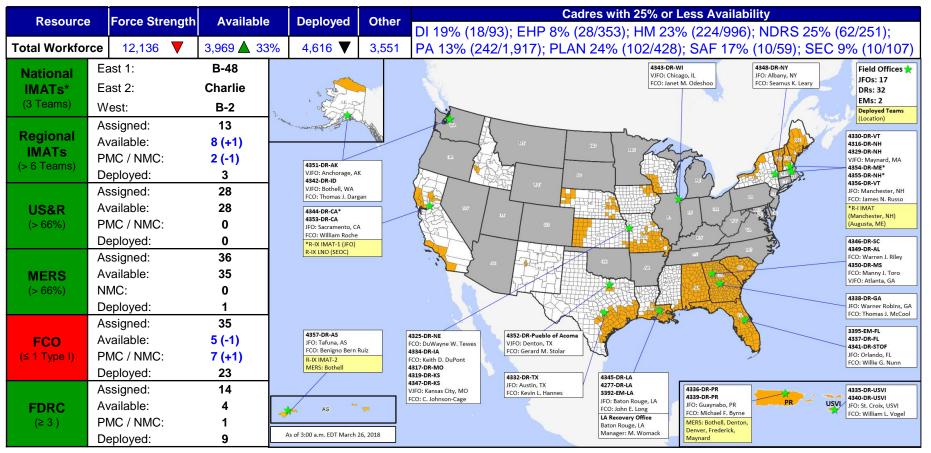
#### Disaster Requests & Declarations



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

### Readiness – Deployable Teams and Assets





\* 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



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



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