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, April 2, 2018

8:30 a.m. EDT

# Significant Activity – Mar 31-April 2



Significant Events: None

**Tropical Activity:** No significant activity

#### Significant Weather:

Heavy Snow – Northern Rockies and Plains; portions of the Mid-Atlantic, New England

Elevated Fire Weather conditions for portions of Southwest, Southern Rockies and Southern Plains

Space Weather:

Past 24 hours: None

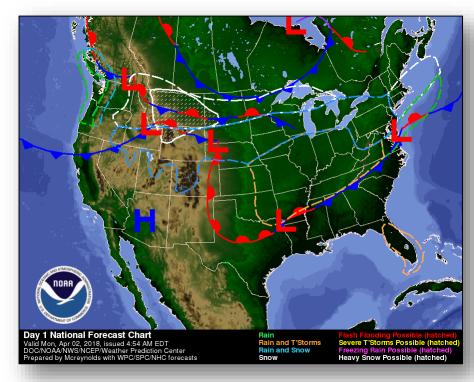
Next 24 hours: None

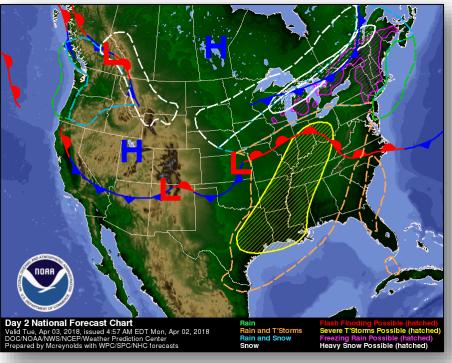
Earthquake Activity: No significant activity

**Declaration Activity:** None

#### National Weather Forecast



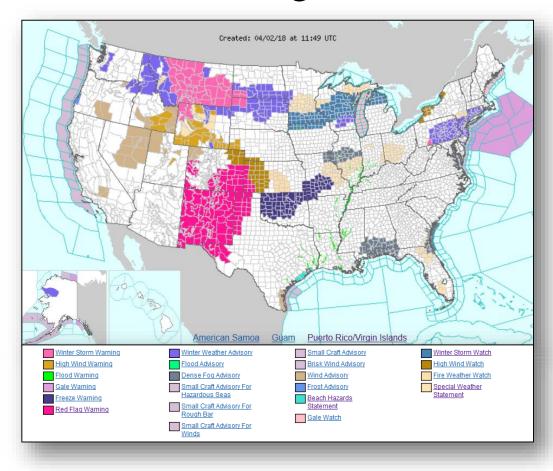




Today Tomorrow

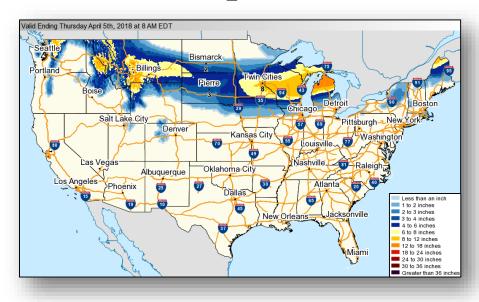
### Active Watches and Warnings





#### Winter Precipitation Outlook





Seattle Bismarck Billings Portland Twin Cities Pierre Boise Salt Lake City Pittsburgh New York Denver Kansas City Louisville \_ 7 Nashville Raleigh Las Vegas Oklahoma City Albuquerque Phoenix 0.01 to 0.10 inch 0.10 to 0.25 inch 0.25 to 0.50 inch 0.50 to 0.75 inch 0.75 to 1.0 inch 1.0 to 2.0 inch Greater than 2.0 inch

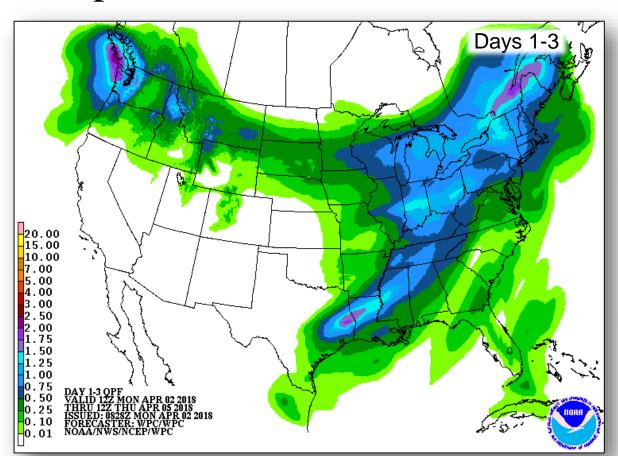
Valid Ending Thursday April 5th, 2018 at 8 AM EDT

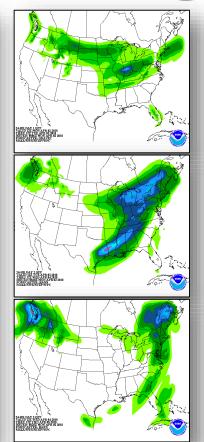
Forecast Snowfall

Forecast Ice Accumulation

### **Precipitation Forecast**







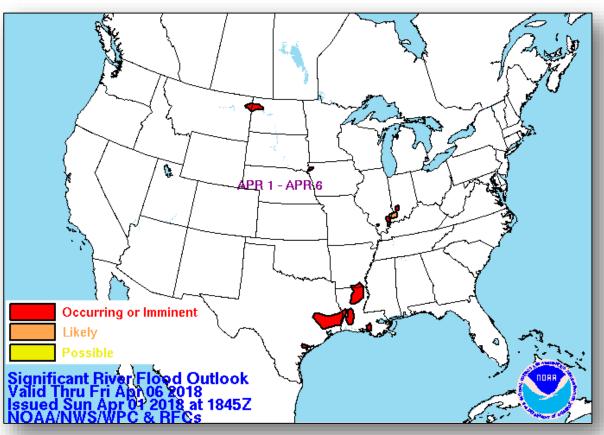
Day 1

Day 2

Day 3

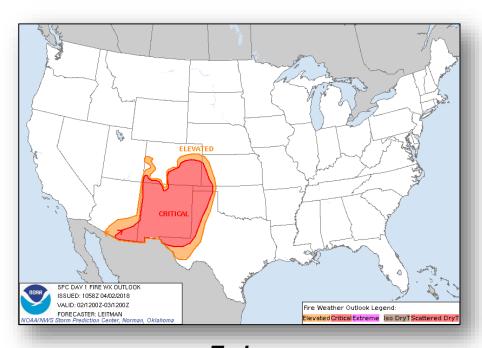
### Significant River Flood Outlook

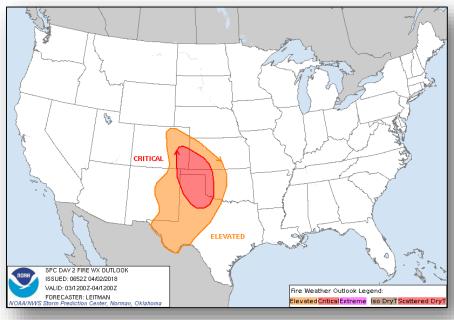




#### Fire Weather Outlook



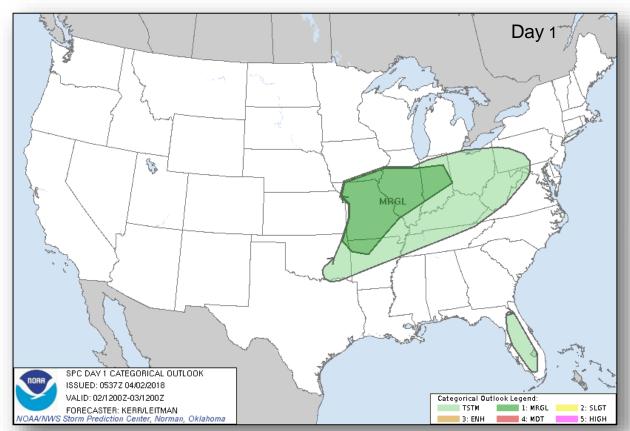


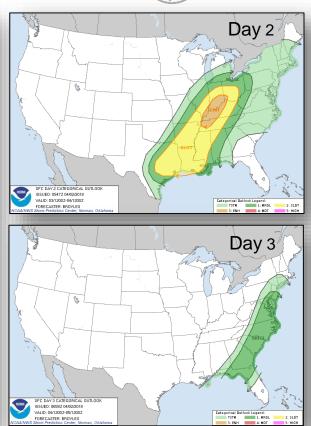


Today Tomorrow

#### Severe Weather Outlook

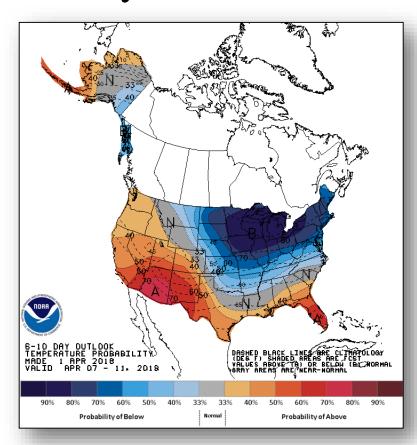




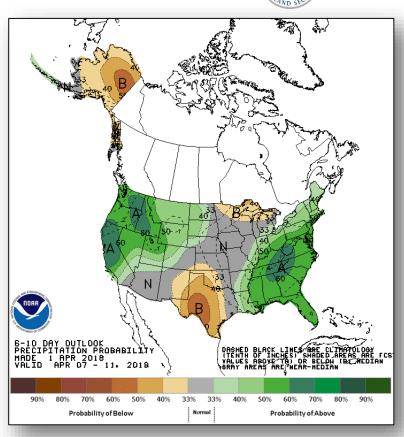


### 6-10 Day Outlooks





6-10 Day Temperature Probability



6-10 Day Precipitation Probability

### The Super Outbreak of April 3-4, 1974



#### **Impacts**

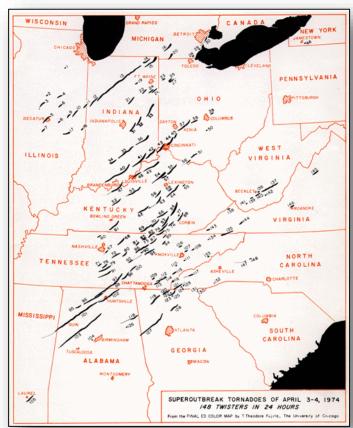
- Affected 13 states from the Great Lakes region to the Deep South
- A total of 148 tornadoes in 18 hours; 95 were rated F2 or stronger on the Fujita scale and 30 were F4 or F5
- Path lengths up to 90 miles; total path lengths over 2,500 miles
- Over 15,000 buildings were destroyed and another 17,000 buildings were damaged (\$3.03 billion in 2018 dollars)
- More than 6,000 injuries and 335 deaths
- Note: The April 2011 outbreak lasted much longer at three days and seven hours, covered a smaller area and had less major tornadoes

#### **Lessons Learned / Mitigation**

• Improvements in communications, warning systems, emergency preparedness, and forecast techniques and equipment

#### **Results**

- Increased lead times for warnings, more accurate forecasts of events, greater public awareness, and more reliable communications
- For additional information see SPC

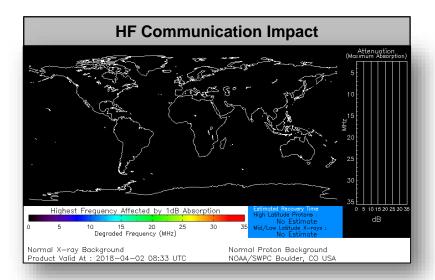


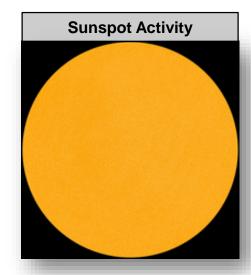
# Space Weather



	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



Dogion	State /	Event	IA / PA	Number of Counties		Stort End	
Region	Location	Event	IA/PA	Requested	Completed	Start – End	
	NAA	Nor'easter March 2-4, 2018		7	7	3/12 – 3/20	
	MA			9	3	3/15 – TBD	
	NH	Coastal Storm and Flooding	IA	0	0	N/A	
		March 2-3, 2018		1	0	3/22 – TBD	
'		Snow	IA	0	0	N/A	
		March 8, 2018	PA	3	0	3/29 –TBD	
	ME	Severe Storm	IA	0	0	N/A	
		March 2-4, 2018	PA	1	0	3/21 – TBD	
IV	KY	Flooding	IA	6	6	3/19 – 3/26	
IV		February 21, 2018	PA	34	34	3/19 – 3/31	
V	IN	Flooding	IA	9	7	3/19 – TBD	
V		February 14 – March 4, 2018	PA	36	20	3/26 – TBD	

# Disaster Requests & Declarations



Declaration Requests in Process	Requests APPROVED (since last report)	Requests DENIED (since last report)				
5	IA	РА	нм	Date Requested	0	0
AK – DR Severe Storm		Х	х	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	Х	March 16, 2018		
OH – DR Severe Storms, Tornadoes, Flooding and Landslides		Х	Х	March 26, 2018		

# Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability				
Resource	Force Strength	Available	Deployed	Other	DI 24% (23/98); EHP 9% (32/350); ER 20% (8/41); HM 24% (241/996); PA 15% (282/1,924);				
Total Workfor	<b>ce</b> 12,146 <b>©</b>	4,081 🛕 34%	4,490 ▼	3,575	SAF 24% (14/59); SEC 19% (20/107)				
National	East 1:	B-48			4343-DR-WI 4348-DR-NY Field Offices ★ VJFO: Chicago, IL JFO: Albany, NY				
IMATs*	East 2:	Charlie	A EST		FCO: Janet M. Odeshoo  FCO: Seamus K. Leary  JFOS: 17  DRS: 32				
(3 Teams)	West:	B-2	AK S	7	EMs: 2 Deployed Teams				
Destant	Assigned:	13	anapar s	The state of the s	(Location)				
Regional	Available:	7			4330-DR-VT 4316-DR-NH				
IMATs (> 6 Teams)	PMC / NMC:	3	4351-DR-AK		4329-DR-NH VIFO: Maynard, MA				
(> 0 Teams)	Deployed:	3	VJFO: Anchorage, A 4342-DR-ID	к	4354-0R-ME* 4355-0R-NH* 4356-0R-VT				
	Assigned:	28	VJFO: Bothell, WA FCO: Thomas J. Dar	gan	435-6 PR-VT JFO: Manchester, NH FCO: James N. Russo				
US&R	Available:	28	4344-DR-CA*		*R-I IMAT (Manchester, NH)				
(> 66%)	PMC / NMC:	0	4353-DR-CA JFO: Sacramento, Ca		(Augusta, ME)				
	Deployed:	0	FCO: William Roche *R-IX IMAT-1 (JFO)		4346-DR-SC 4349-DR-AL				
	Assigned:	36	R-IX LNO (SEOC)		450-DR-MS				
MERS	Available:	34 (-1)			FCO: Manny J. Toro V/FO: Atlanta, GA				
(> 66%)	NMC:	0			4338-DR-GA				
	Deployed:	2 (+1)			IFO: Warner Robins, GA FCO: Thomas J. McCool				
	Assigned:	35			3395,FM.FI				
FCO	Available:	4	4357-DR-AS JFO: Tafuna, AS		4837-DR-FL FCO: DuWayne W. Tewes				
(≤ 1 Type I)	PMC / NMC:	7	FCO: Benigno Bern R-IX IMAT-2		4334-DR-IA  VIFO: Denton, TX  FOO: Gerard M. Stolar  FOO: Willie G. Ninn				
	Deployed:	24	MERS: Bothell		4317-DR-MO 4319-DR-KS 4332-DR-TX 4345-DR-LA				
FDRC	Assigned:	14			4347-DR-KS  VJFO: Kansas City, MO  FCO: Kevin L. Hannes  4277-DR-IA  4335-DR-USVI  4336-DR-PR  4335-DR-USVI  4339-DR-PR  4339-DR-PR				
	Available:	4	AS S	, L	JFO: Baton Rouge, LA FCO: John E. Long  JFO: Guaynabo, PR FCO: Michael F Rurne  JFO: Wichael F Rurne				
(≥ 3)	PMC / NMC:	1			LA Recovery Office Baton Rouge, LA MERS: Bothell, Denton,				
	Deployed:	9	As of 3:00 a.m. EDT April :	2, 2018	Manager: M. Womack Maynard				

<sup>\*</sup> 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: V, VIII, & IV



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