



# **FEMA**

## **Daily Operations Briefing**

**Monday, April 2, 2018**

**8:30 a.m. EDT**

# Significant Activity – Mar 31-April 2



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**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

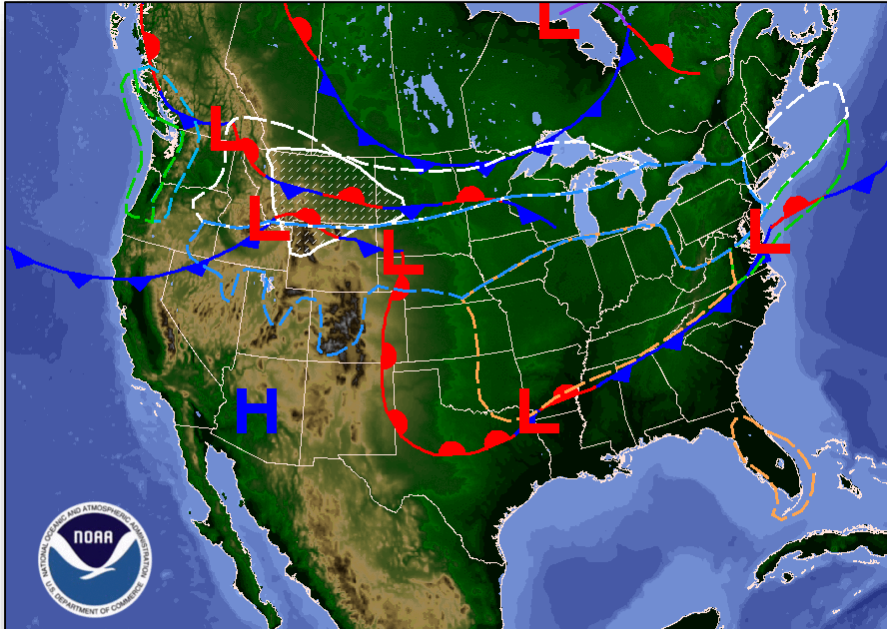
**Earthquake Activity:** No significant activity

**Declaration Activity:** None

# National Weather Forecast



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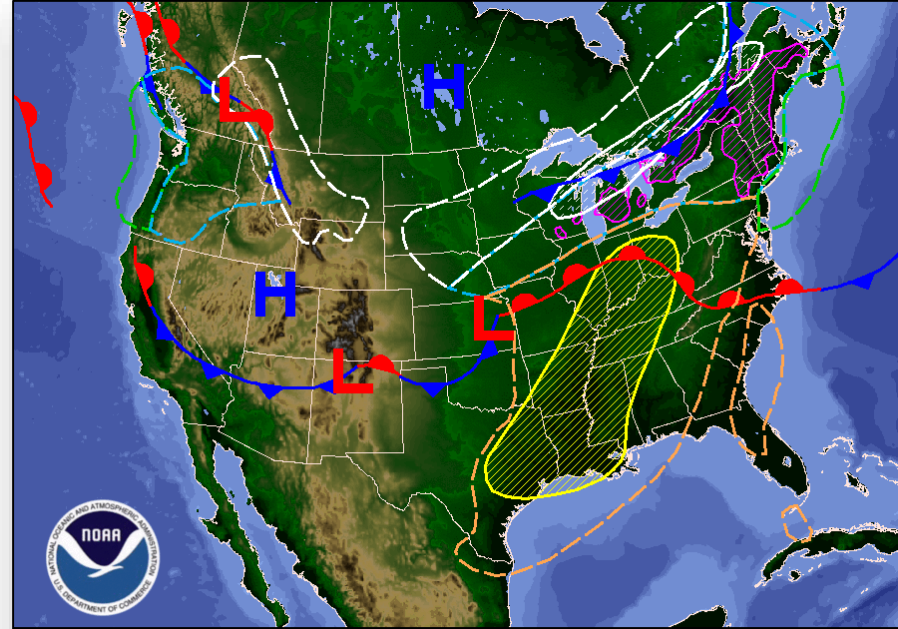
## Day 1 National Forecast Chart

Valid Mon, Apr 02, 2018, issued 4:54 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Moreynolds with WPC/SPC/NHC forecasts

**Rain**  
**Rain and T'Storms**  
**Rain and Snow**  
**Snow**

**Flash Flooding Possible (hatched)**  
**Severe T'Storms Possible (hatched)**  
**Freezing Rain Possible (hatched)**  
**Heavy Snow Possible (hatched)**

*Today*



## Day 2 National Forecast Chart

Valid Tue, Apr 03, 2018, issued 4:57 AM EDT Mon, Apr 02, 2018  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Moreynolds with WPC/SPC/NHC forecasts

**Rain**  
**Rain and T'Storms**  
**Rain and Snow**  
**Snow**

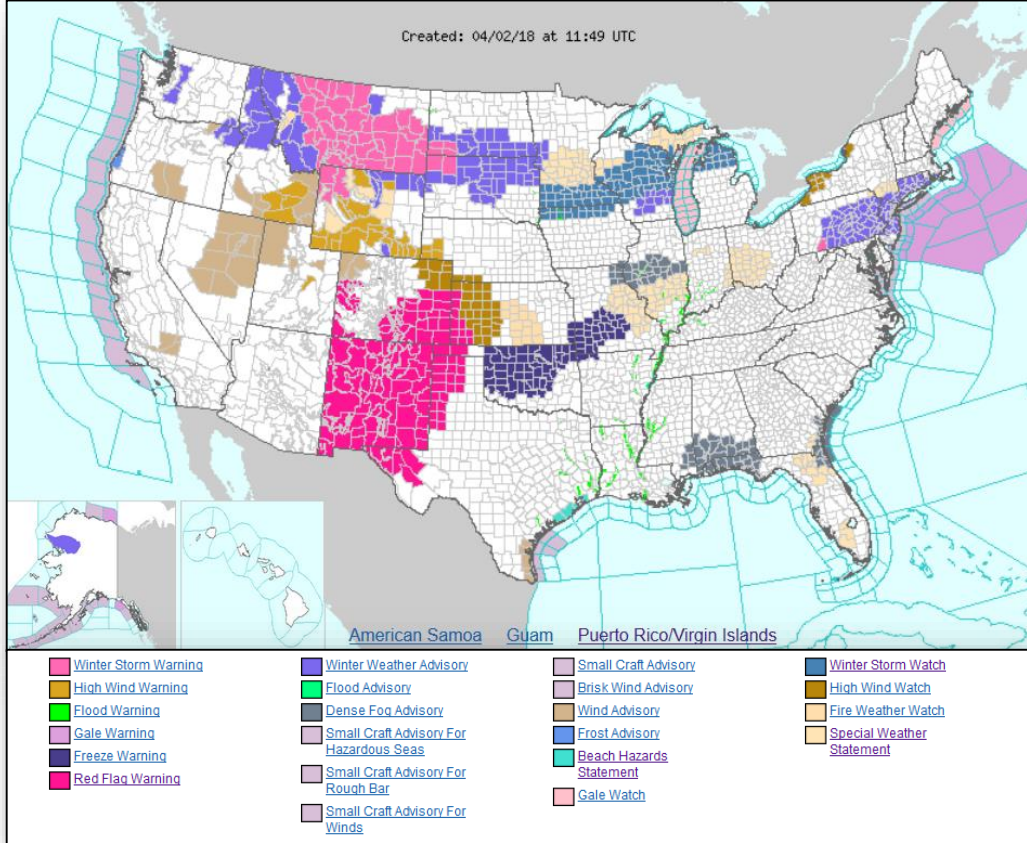
**Flash Flooding Possible (hatched)**  
**Severe T'Storms Possible (hatched)**  
**Freezing Rain Possible (hatched)**  
**Heavy Snow Possible (hatched)**

*Tomorrow*

# Active Watches and Warnings



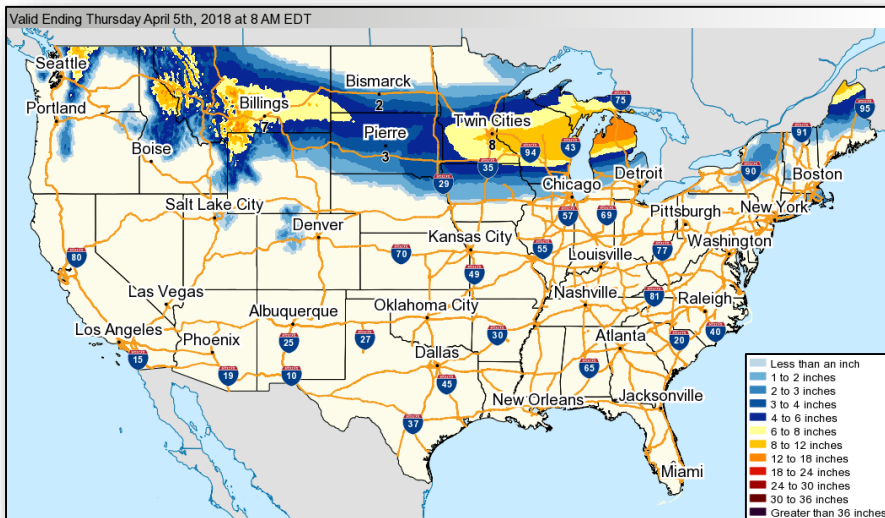
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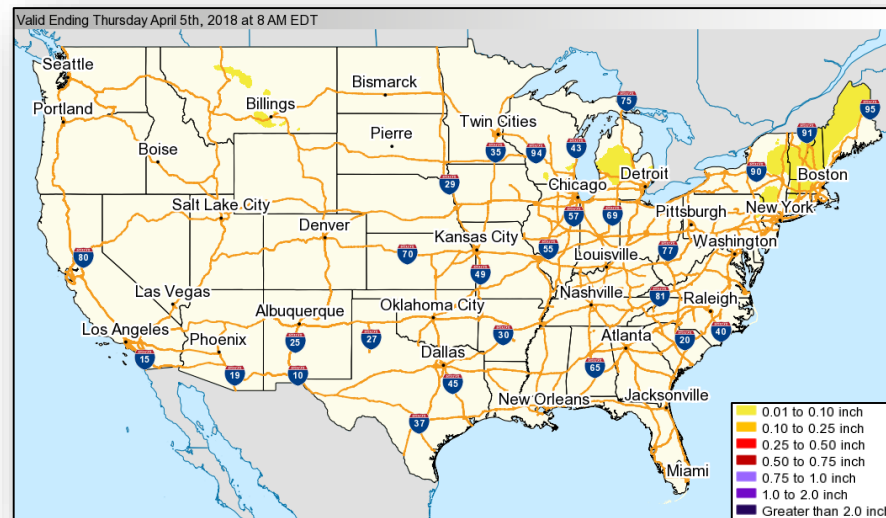
# Winter Precipitation Outlook



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***Forecast Snowfall***



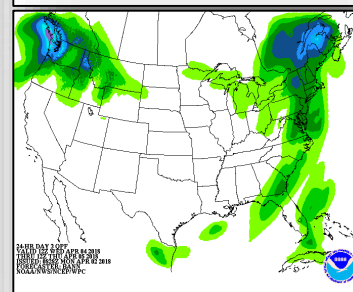
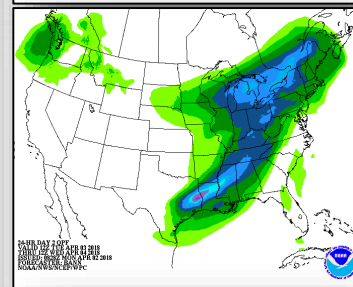
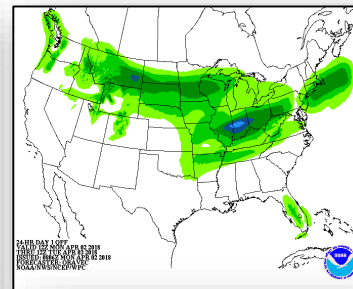
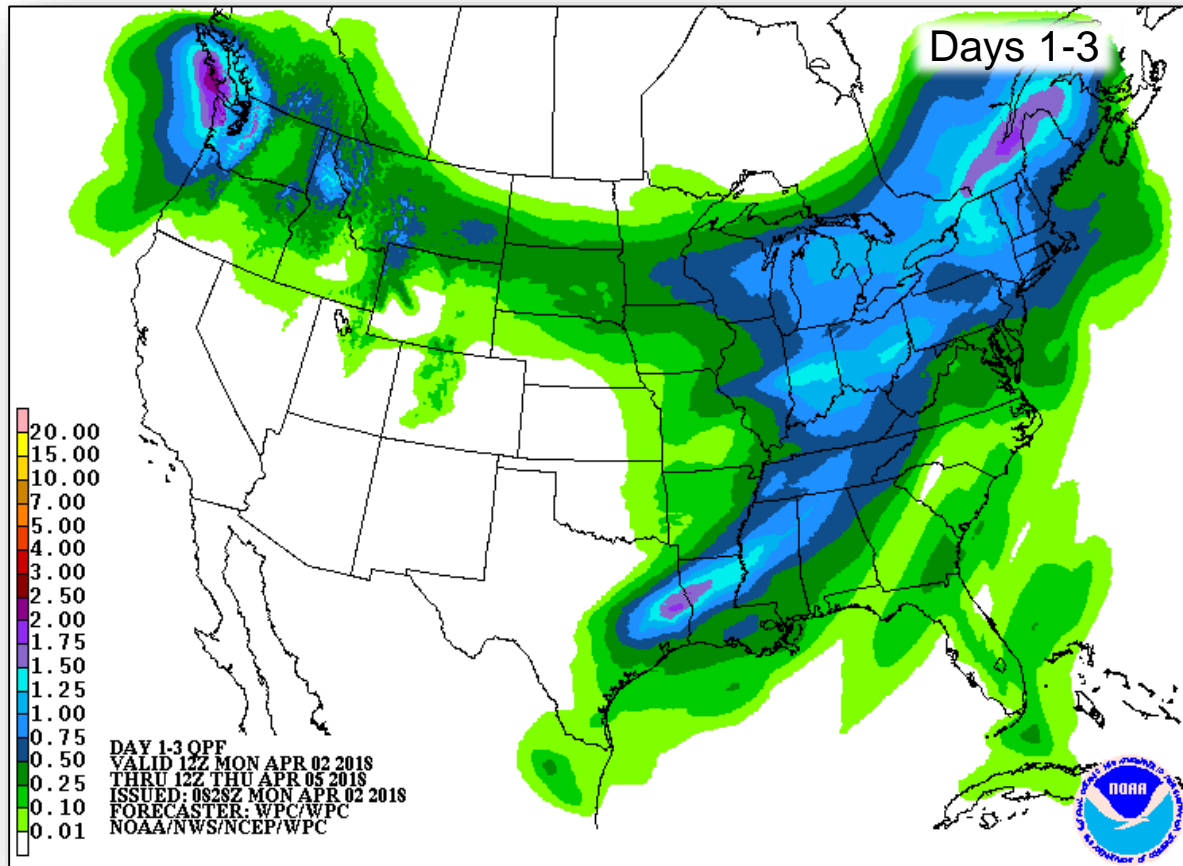
***Forecast Ice Accumulation***



# Precipitation Forecast



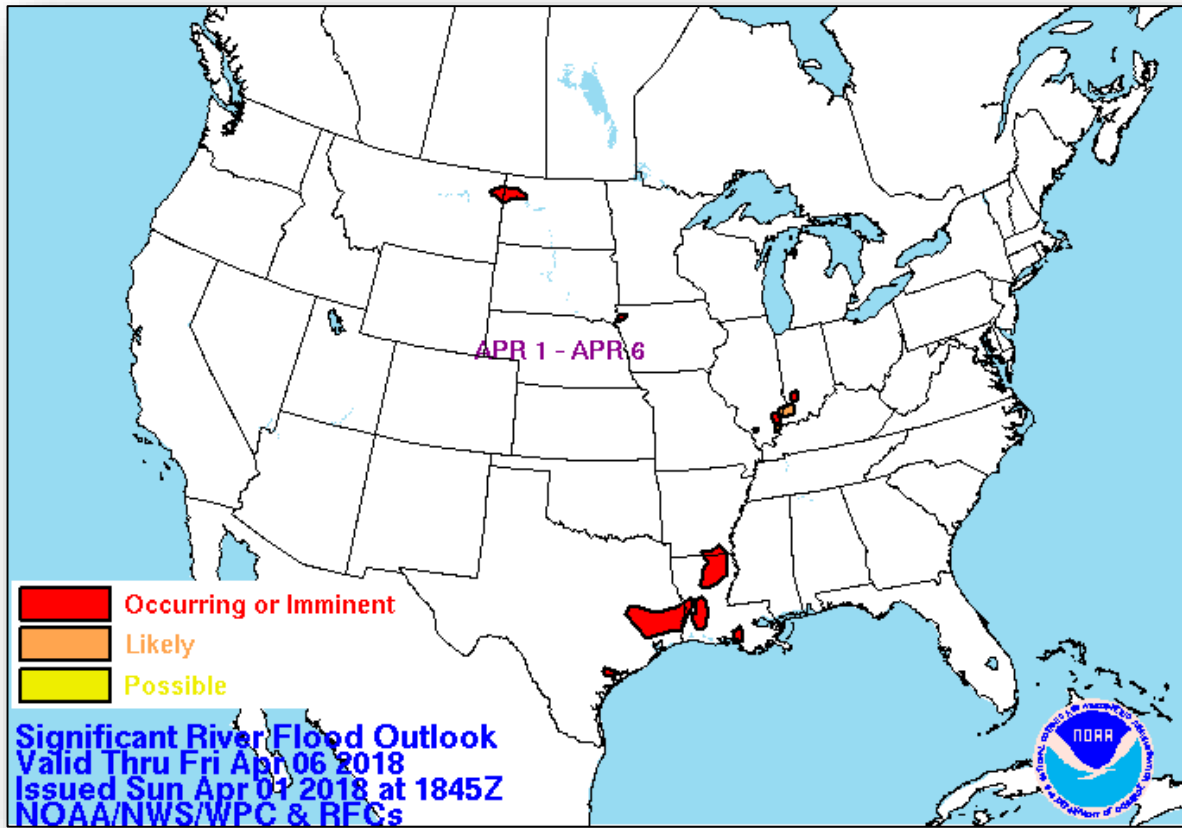
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# Significant River Flood Outlook



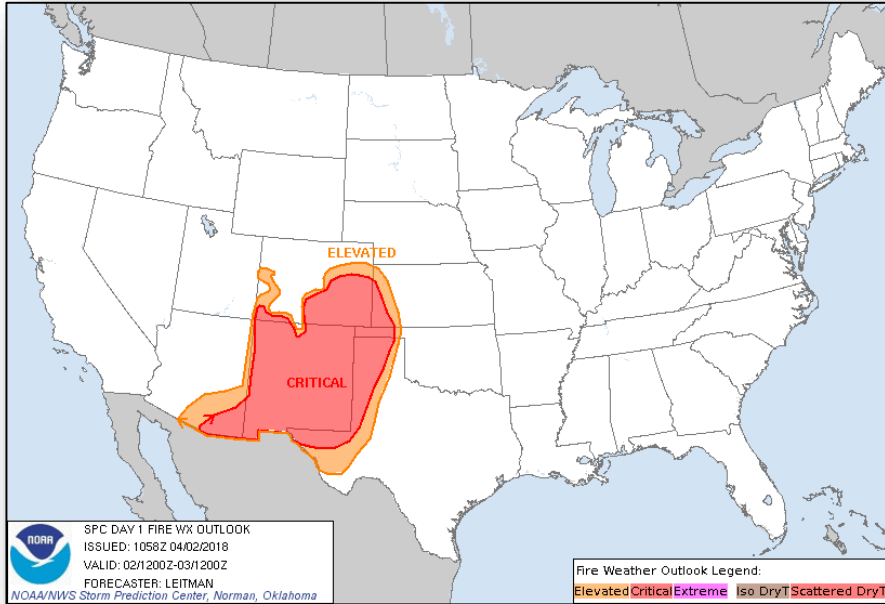
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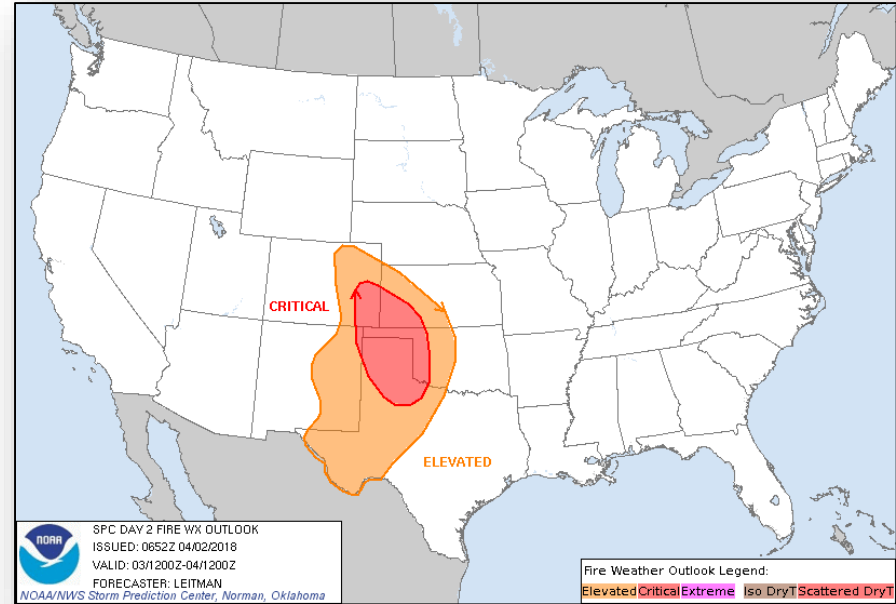
# Fire Weather Outlook



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*Today*



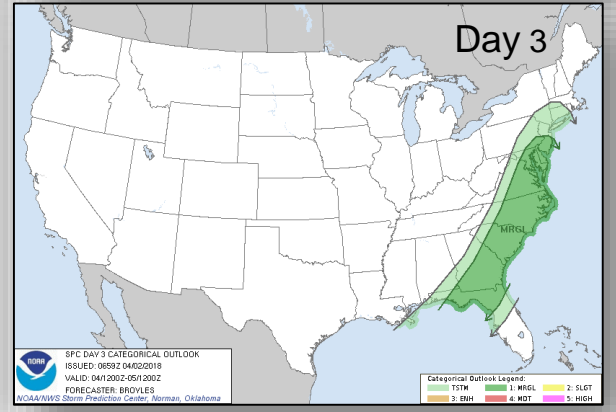
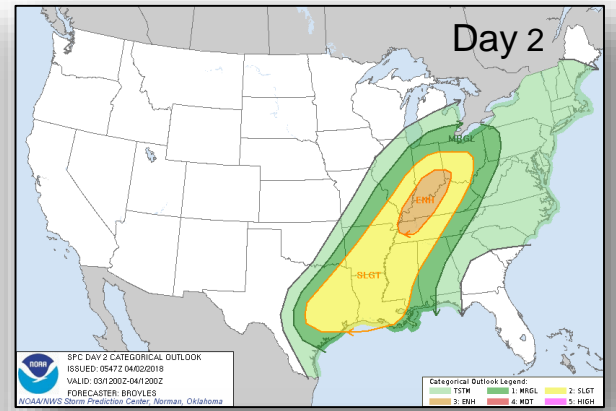
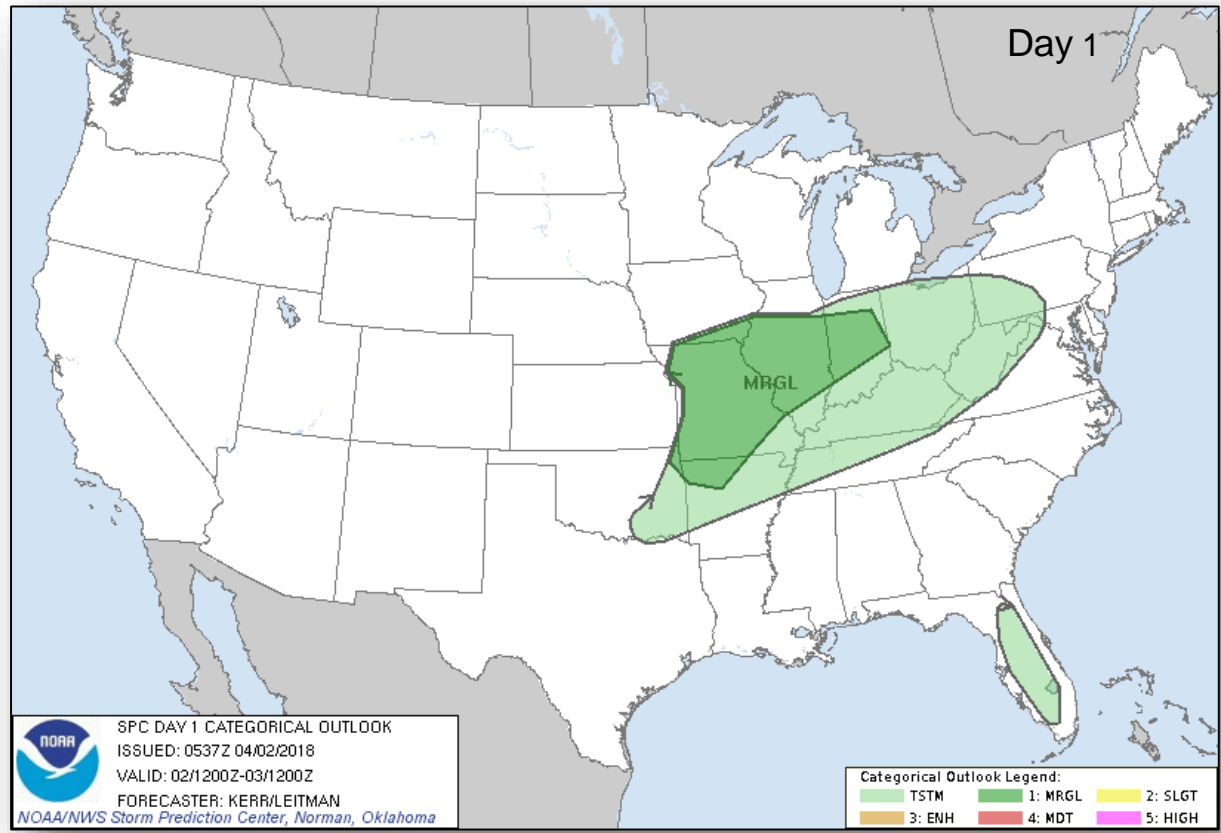
*Tomorrow*



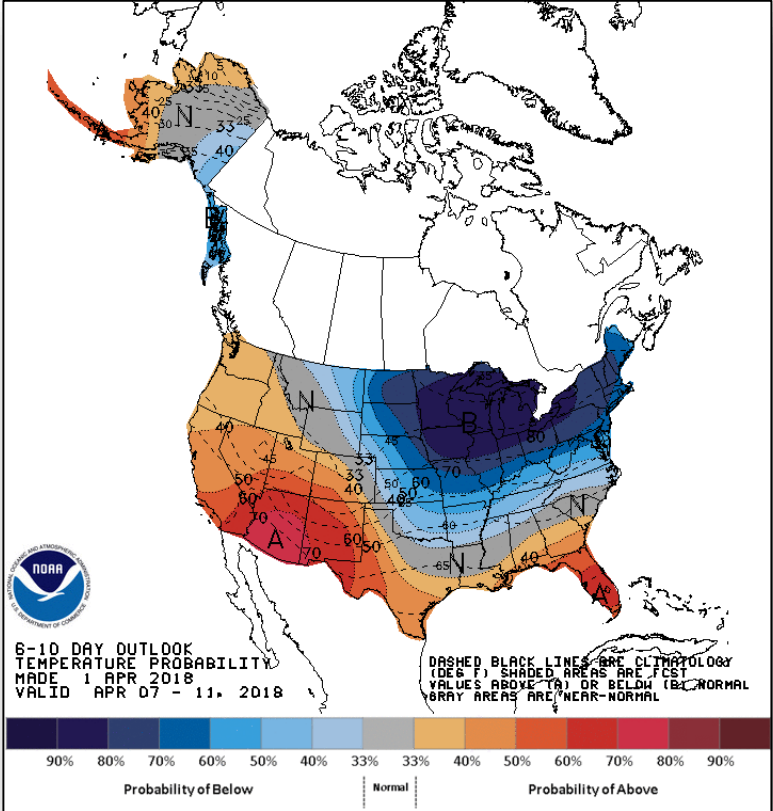
# Severe Weather Outlook



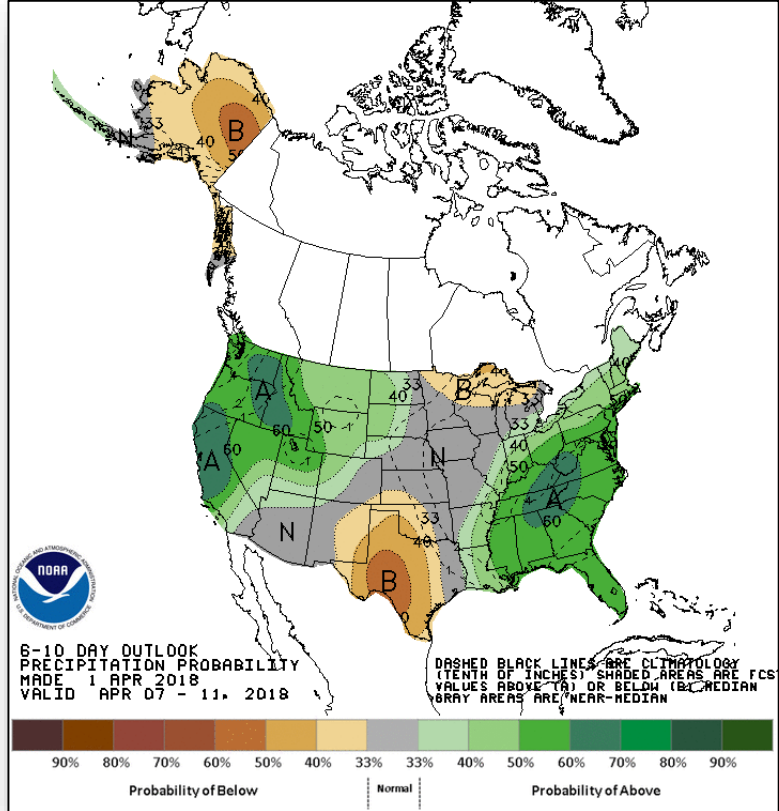
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# 6-10 Day Outlooks



**6-10 Day Temperature Probability**



**6-10 Day Precipitation Probability**

# The Super Outbreak of April 3-4, 1974



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## Impacts

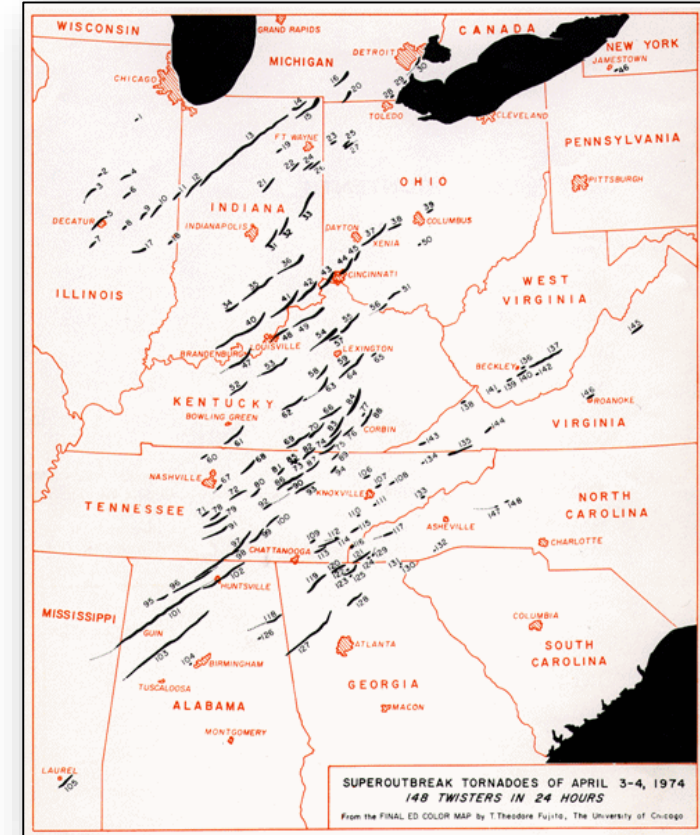
- Affected 13 states from the Great Lakes region to the Deep South
- A total of 148 tornadoes in 18 hours; 95 were rated F2 or stronger on the Fujita scale and 30 were F4 or F5
- Path lengths up to 90 miles; total path lengths over 2,500 miles
- Over 15,000 buildings were destroyed and another 17,000 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](#)



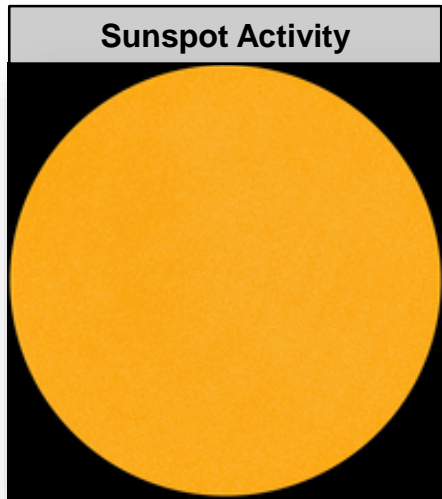
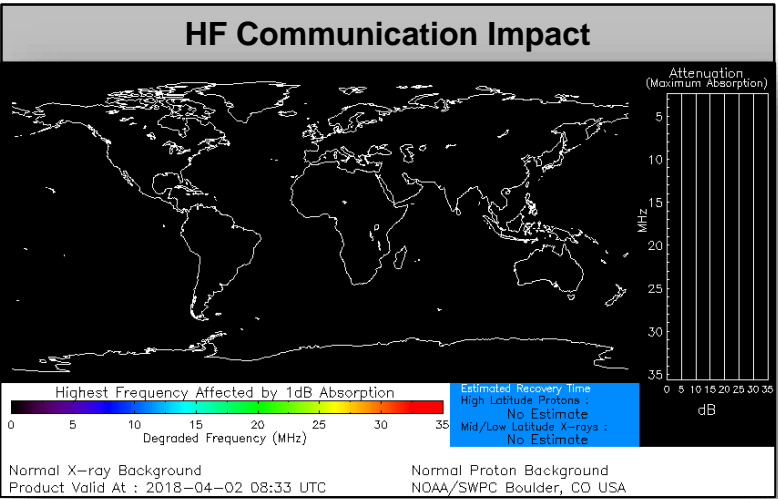
# Space Weather



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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	3	3/15 – TBD
	NH	Coastal Storm and Flooding March 2-3, 2018	IA	0	0	N/A
			PA	1	0	3/22 – TBD
		Snow March 8, 2018	IA	0	0	N/A
			PA	3	0	3/29 – 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	6	3/19 – 3/26
			PA	34	34	3/19 – 3/31
V	IN	Flooding February 14 – March 4, 2018	IA	9	7	3/19 – TBD
			PA	36	20	3/26 – TBD

# Disaster Requests & Declarations



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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
5	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		
OH – DR Severe Storms, Tornadoes, Flooding and Landslides		X	X	March 26, 2018		



# Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability	
<b>Total Workforce</b>	12,146 <span>Ⓢ</span>	4,081 <span>▲</span> 34%	4,490 <span>▼</span>	3,575	DI 24% (23/98); EHP 9% (32/350); ER 20% (8/41); HM 24% (241/996); PA 15% (282/1,924); SAF 24% (14/59); SEC 19% (20/107)	
<b>National IMATs*</b> (3 Teams)	East 1: East 2: West:	<b>B-48</b> <b>Charlie</b> <b>B-2</b>				
<b>Regional IMATs</b> (> 6 Teams)	Assigned: Available: PMC / NMC: Deployed:	<b>13</b> <b>7</b> <b>3</b> <b>3</b>				
<b>US&amp;R</b> (> 66%)	Assigned: Available: PMC / NMC: Deployed:	<b>28</b> <b>28</b> <b>0</b> <b>0</b>				
<b>MERS</b> (> 66%)	Assigned: Available: NMC: Deployed:	<b>36</b> <b>34 (-1)</b> <b>0</b> <b>2 (+1)</b>				
<b>FCO</b> (≤ 1 Type I)	Assigned: Available: PMC / NMC: Deployed:	<b>35</b> <b>4</b> <b>7</b> <b>24</b>				
<b>FDRC</b> (≥ 3)	Assigned: Available: PMC / NMC: Deployed:	<b>14</b> <b>4</b> <b>1</b> <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				
HLT		1	Available				
RWCs/MOCs		10	Steady State				
RRCCs		10	Available				

Backup Regions: V, VIII, & IV



# FEMA

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