

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

Tuesday, March 27, 2018

8:30 a.m. EDT

Significant Activity – Mar 26-27



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Significant Events: None

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

Significant Weather:

- Severe Thunderstorms – Southern Plains to Lower Mississippi Valley
- Flash Flooding – Southern Plains to Ohio Valley
- Freezing Rain – Great Lakes to Central Appalachians
- Critical/Elevated Fire Weather – Desert Southwest to the Southern/Central Plains
- Space Weather: Past 24 hours: None; Next 24 hours: None
- NOTE: Severe weather climatology slides follow today's weather

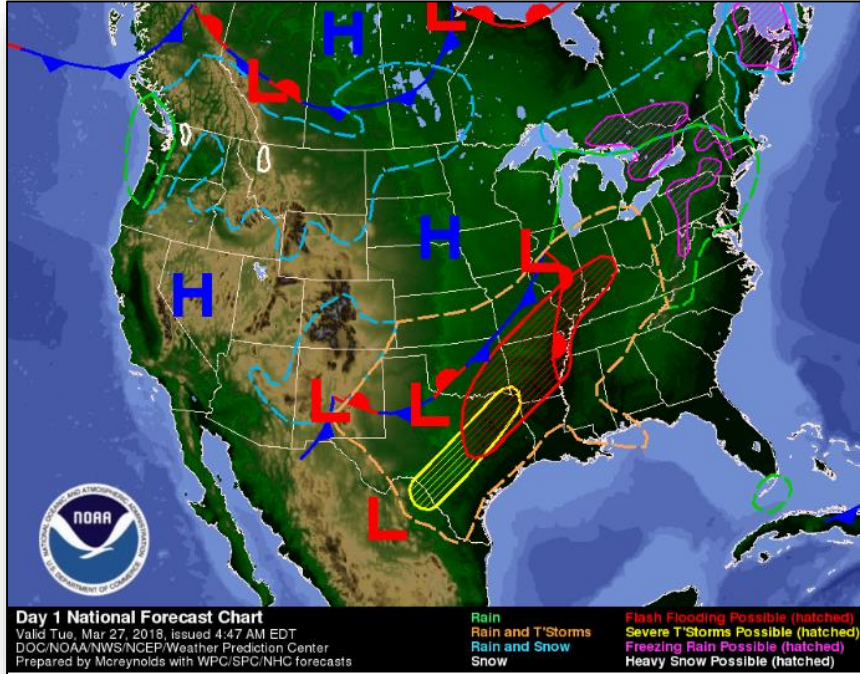
Earthquake Activity: No significant activity

Declaration Activity: Major Disaster Declaration requested for Ohio

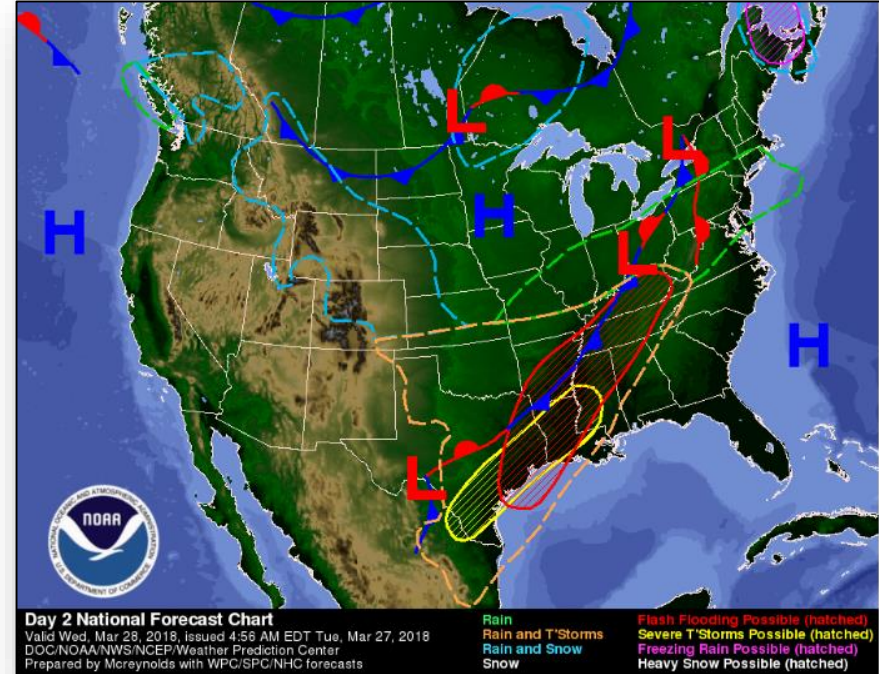
National Weather Forecast



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Today

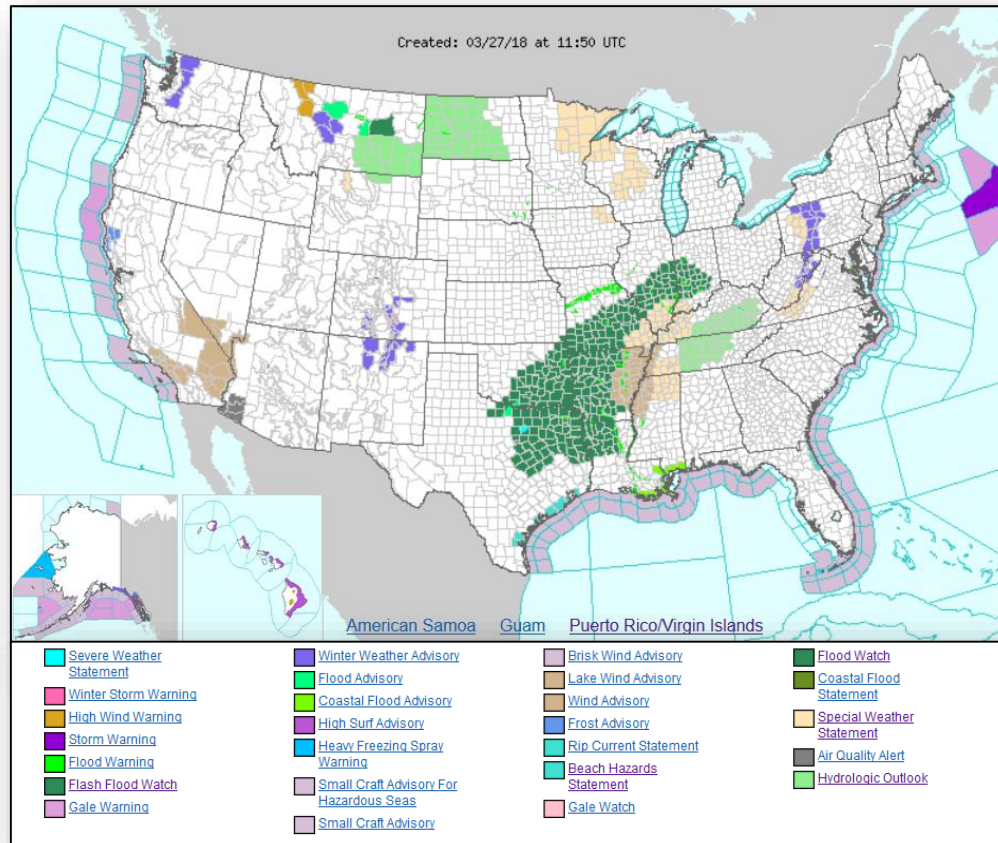


Tomorrow

Active Watches and Warnings



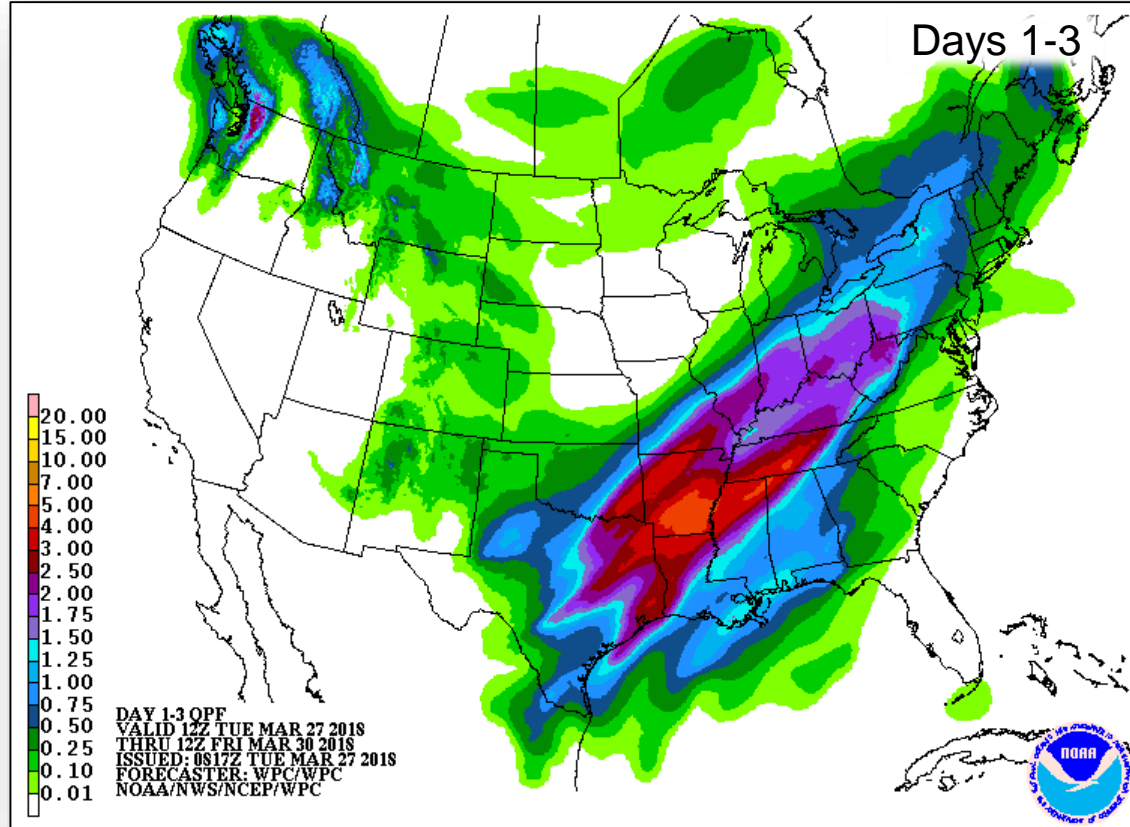
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Precipitation Forecast



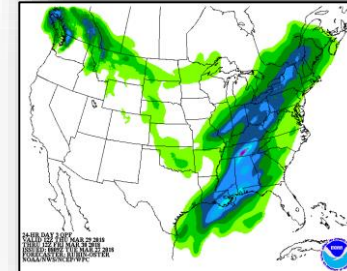
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Day 1



Day 2

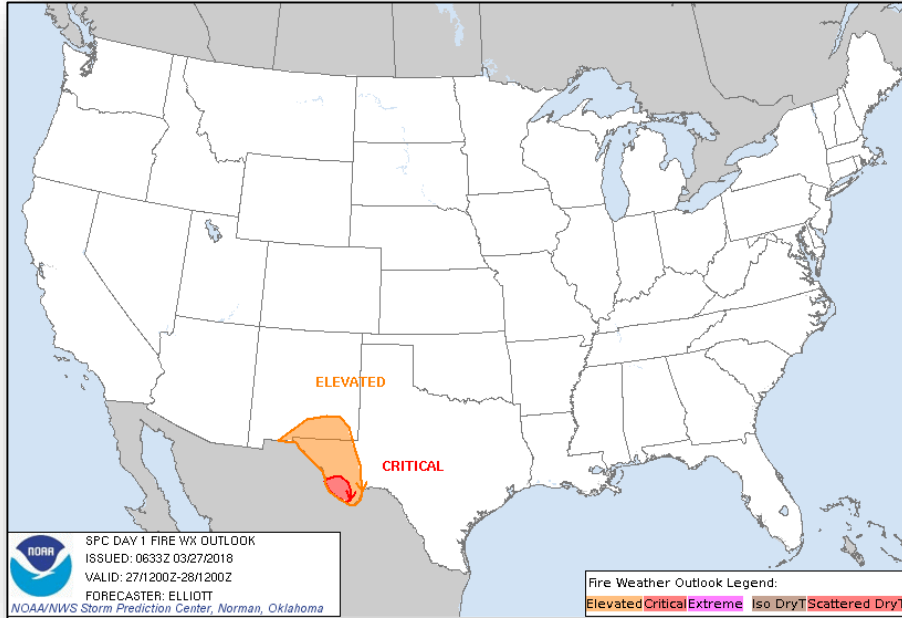


Day 3

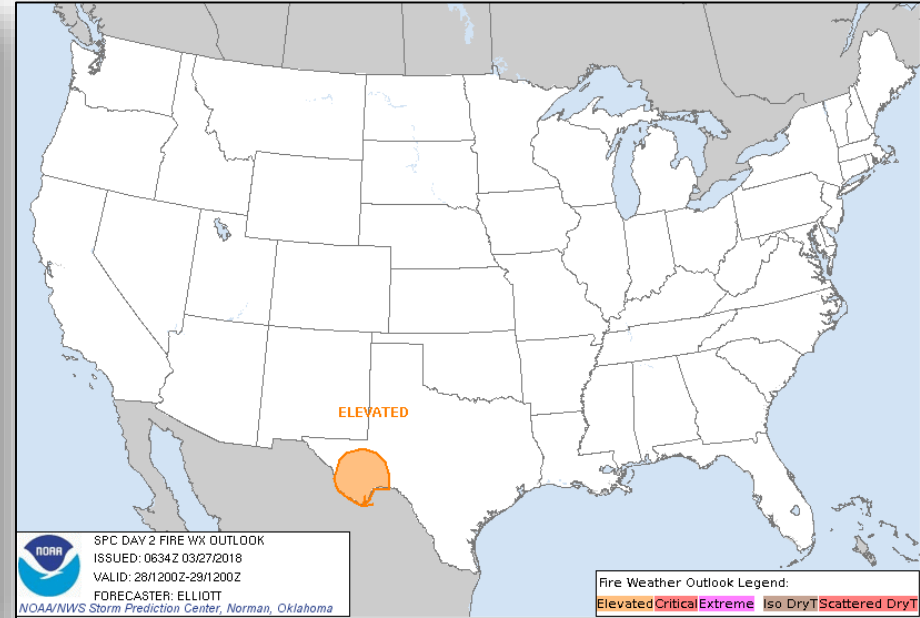
Fire Weather Outlook



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Today

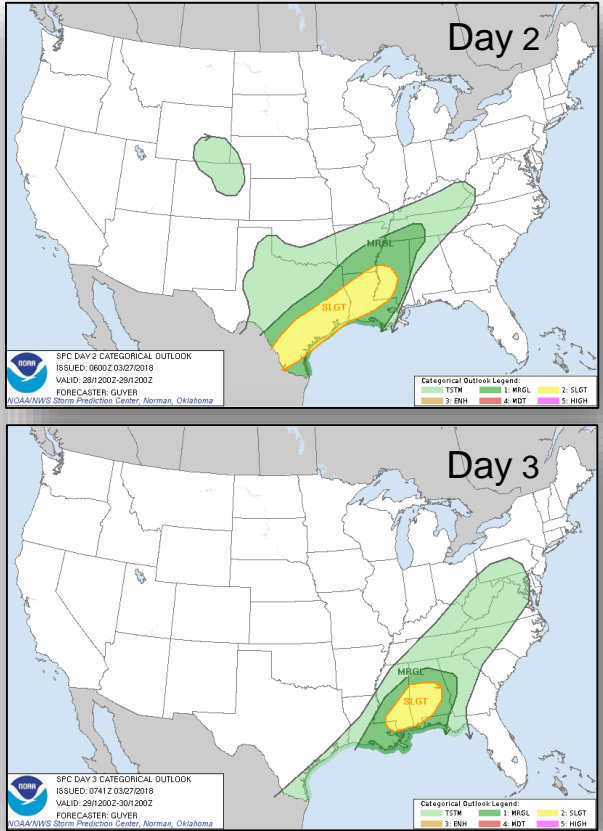
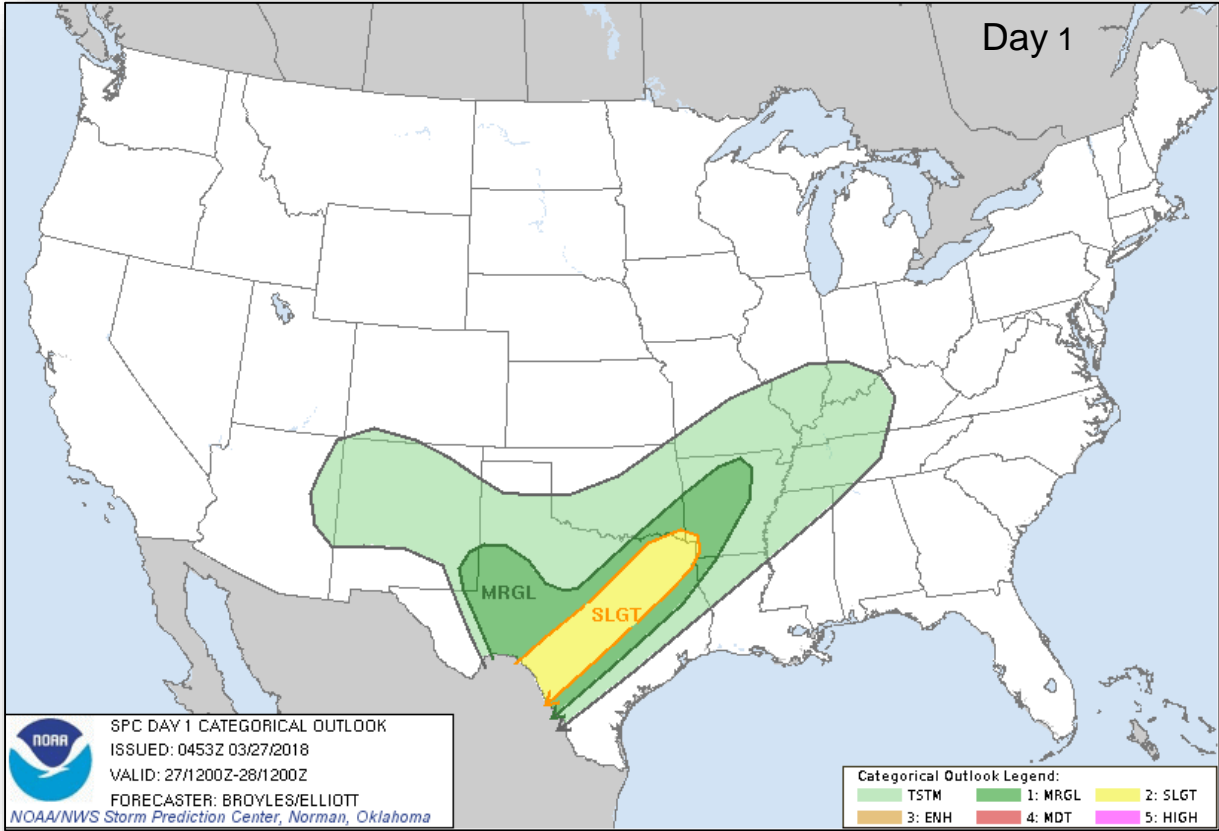


Tomorrow

Severe Weather Outlook



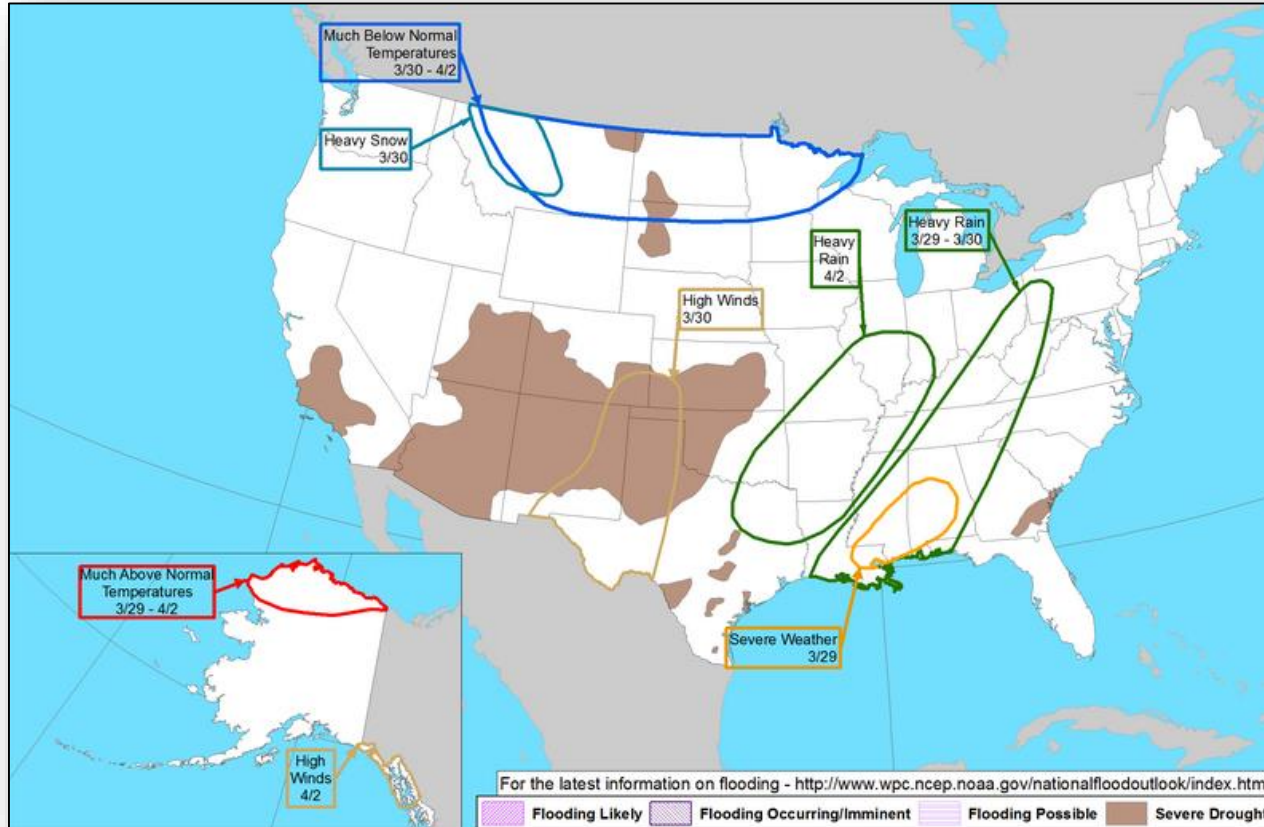
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Hazards Outlook – Mar 29 – Apr 2



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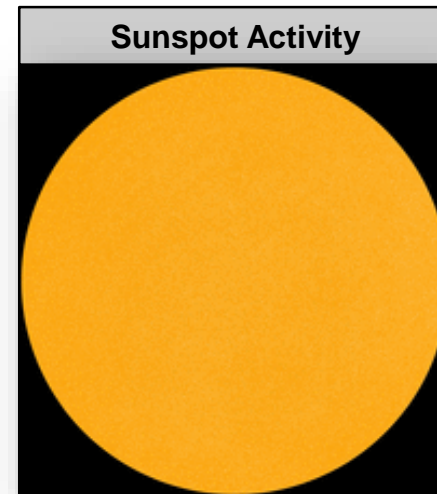
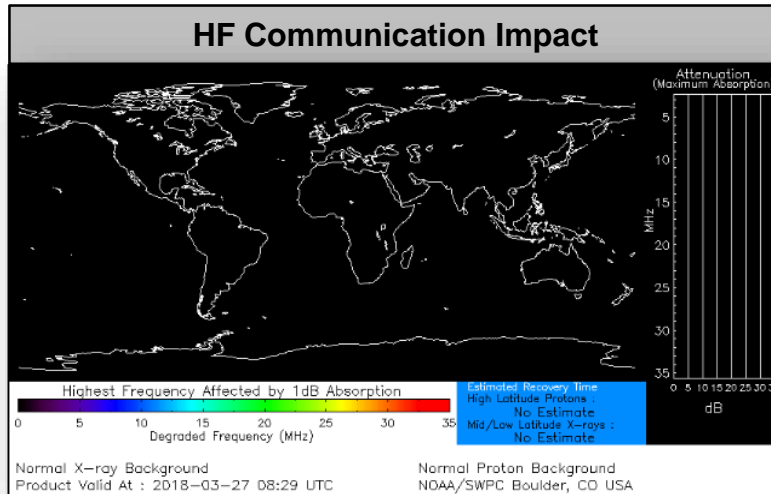


Space Weather



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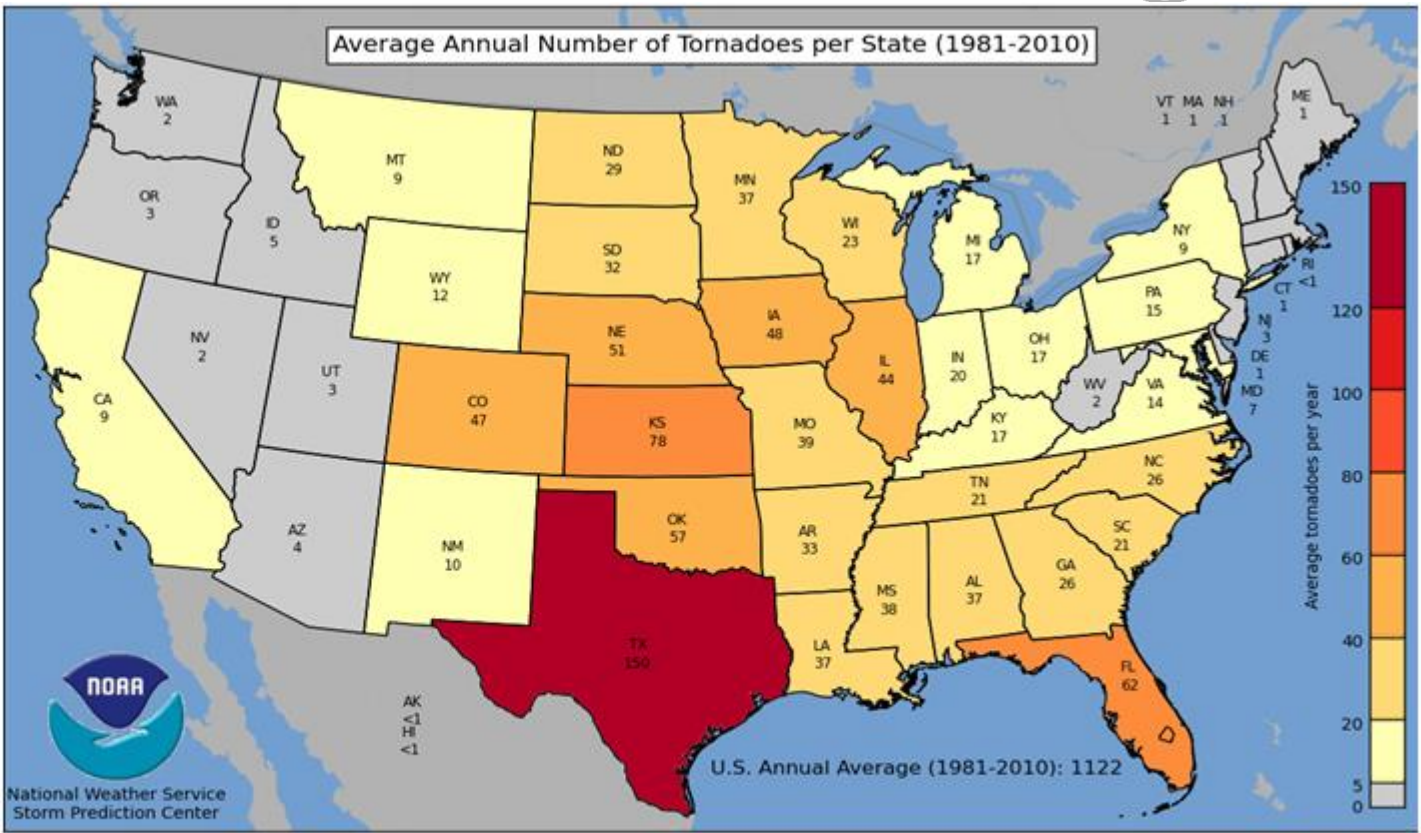
	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	None	None	None	None
For further information on NOAA Space Weather Scales refer to http://www.swpc.noaa.gov/noaa-scales-explanation				



Average Tornadoes per Year:

EF 0	~ 738
EF 1	~ 340
EF 2	~ 102
EF 3	~ 30
EF 4	~ 6
EF 5	~ 0

*SIGNIFICANT = EF2 +



Peak Severe Weather: ~ March - June

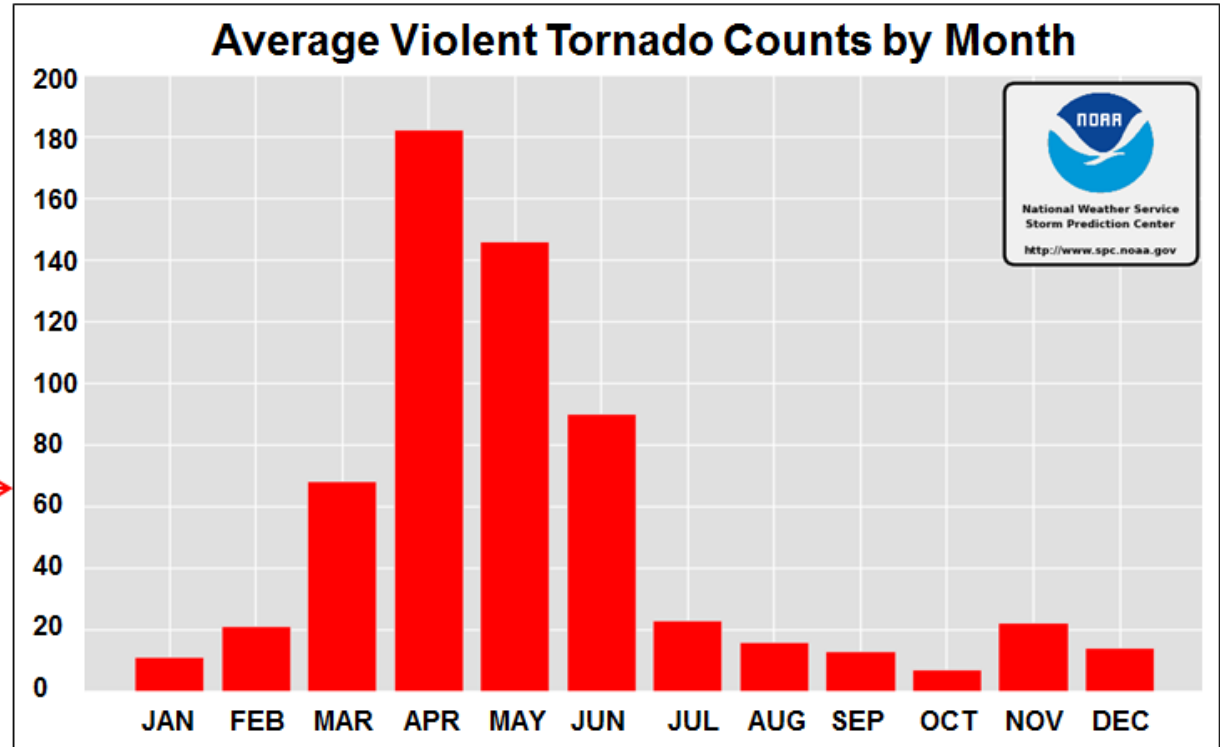


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TORNADO SCALE

EF 0	65-85 mph
EF 1	86-110 mph
EF 2	111-135 mph
EF 3	136-165 mph
EF 4	166-200 mph
EF 5	Over 200 mph

NOTE: EF ratings are based on actual damage and are determined after NWS Storm Surveys are completed.

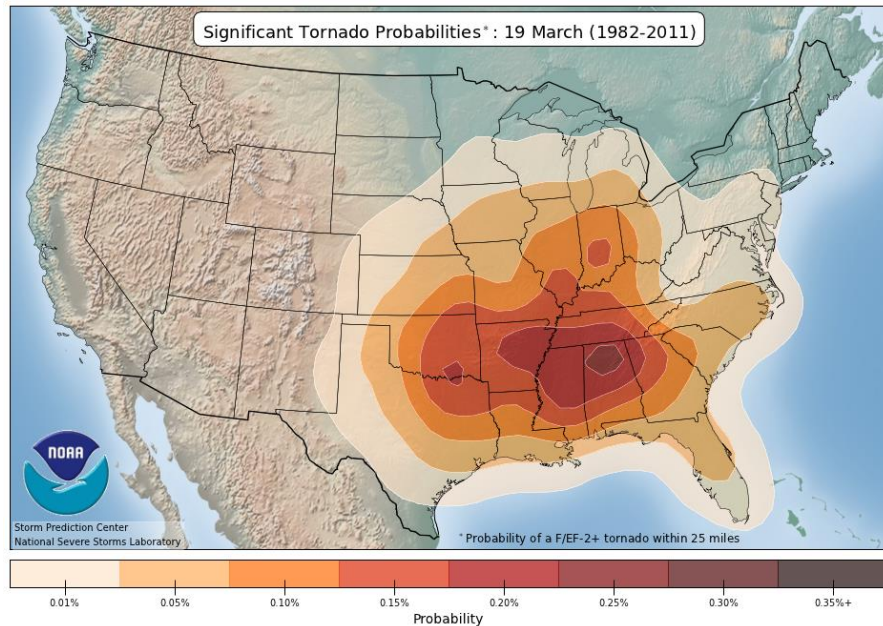


March EF2+ Tornado Probabilities

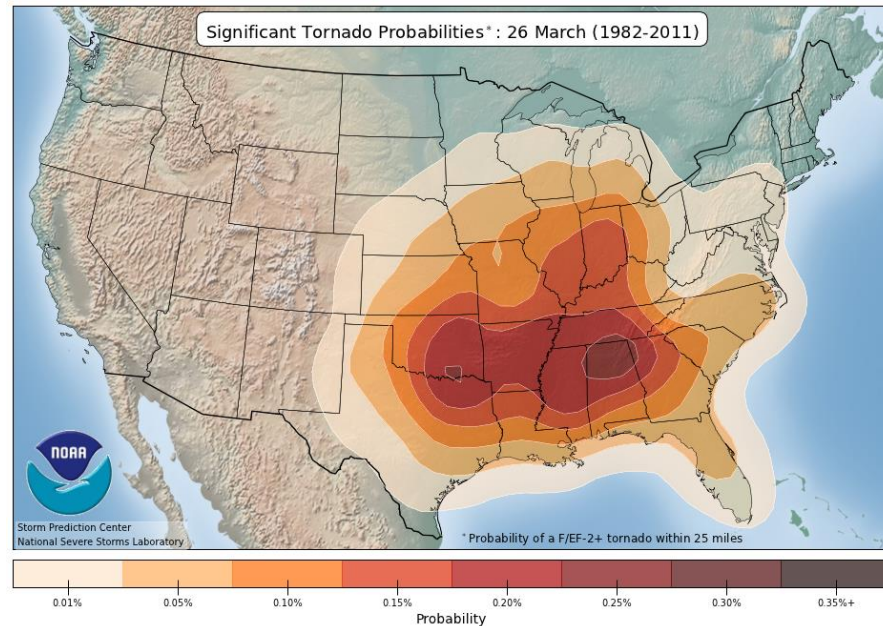


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Week 3



Week 4

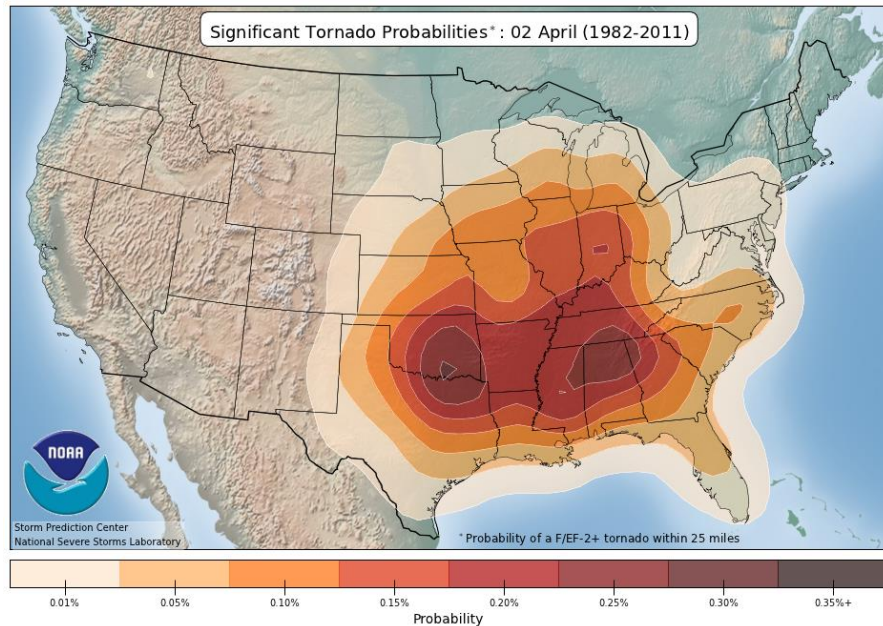


April EF2+ Tornado Probabilities

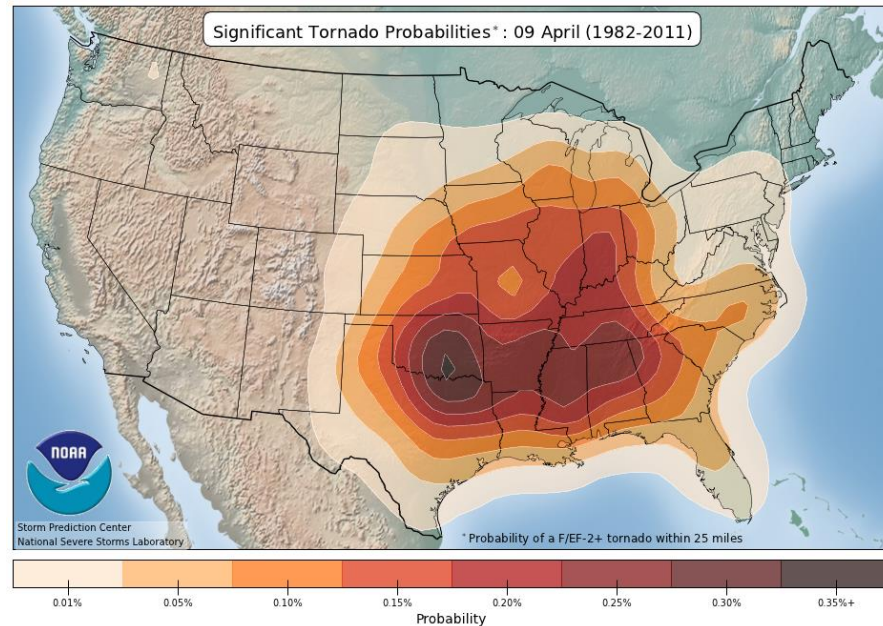


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Week 1



Week 2

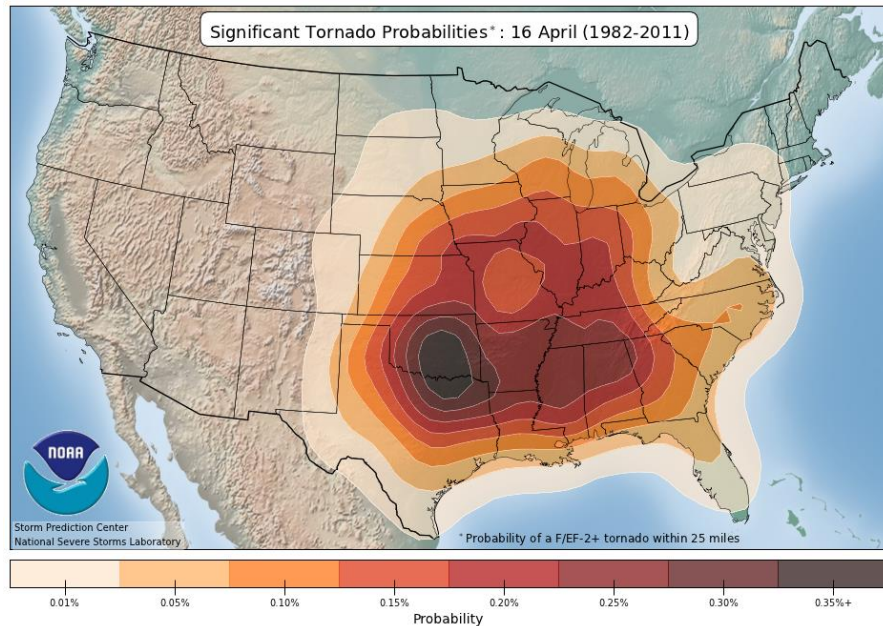


April EF2+ Tornado Probabilities

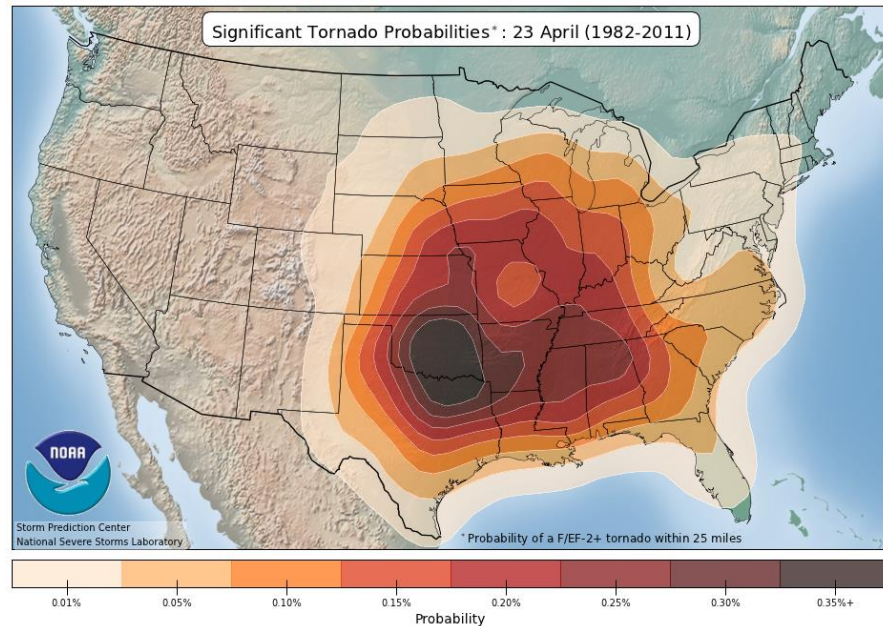


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Week 3



Week 4

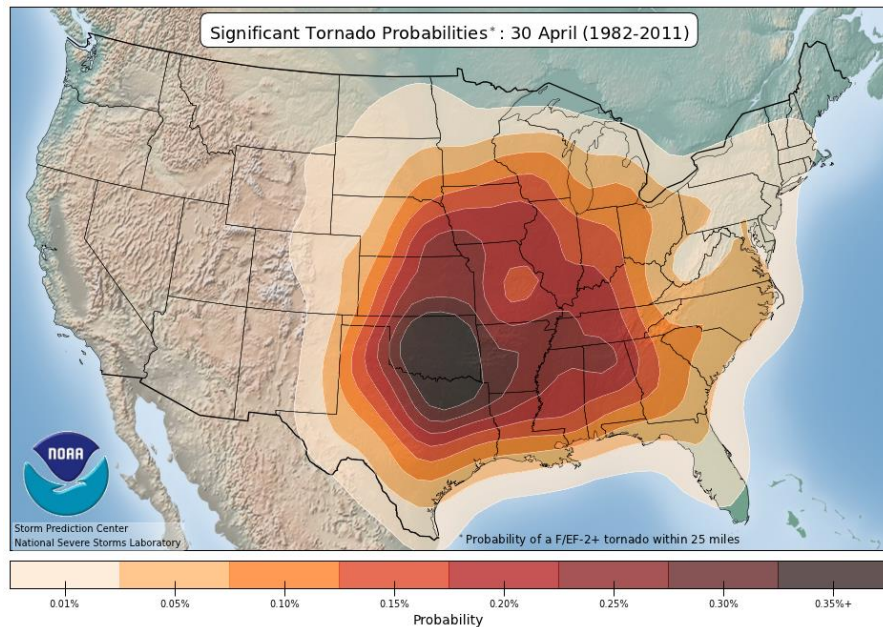


May EF2+ Tornado Probabilities

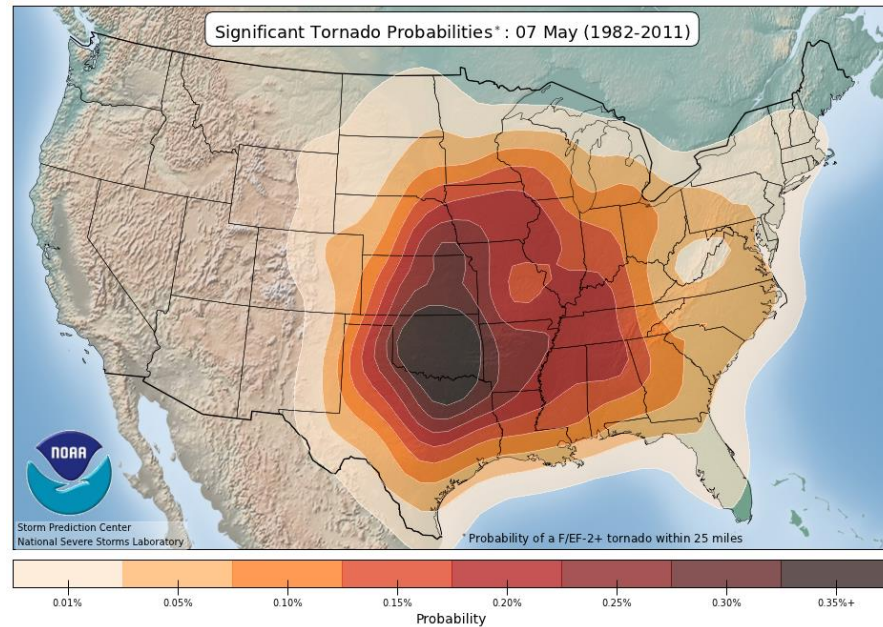


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Week 1



Week 2

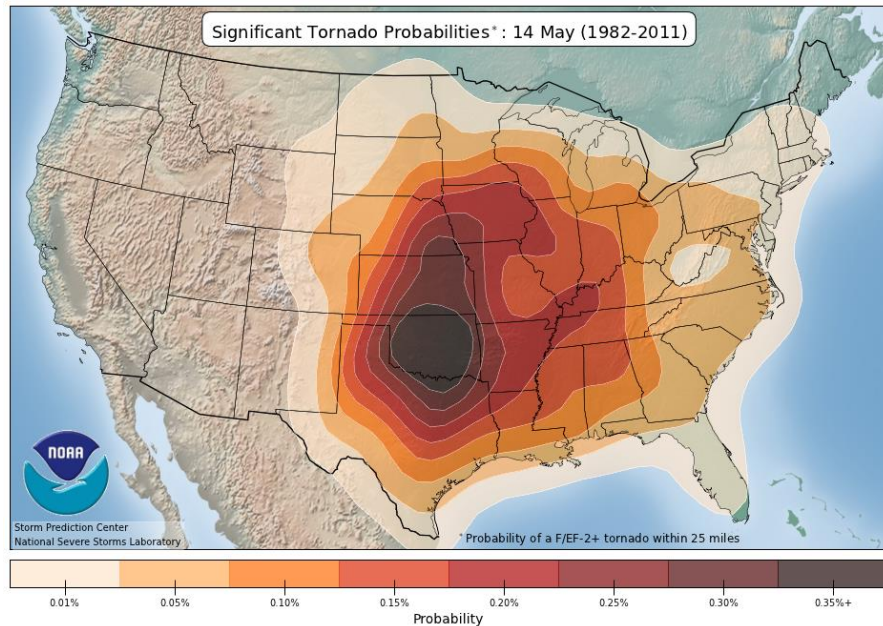


May EF2+ Tornado Probabilities

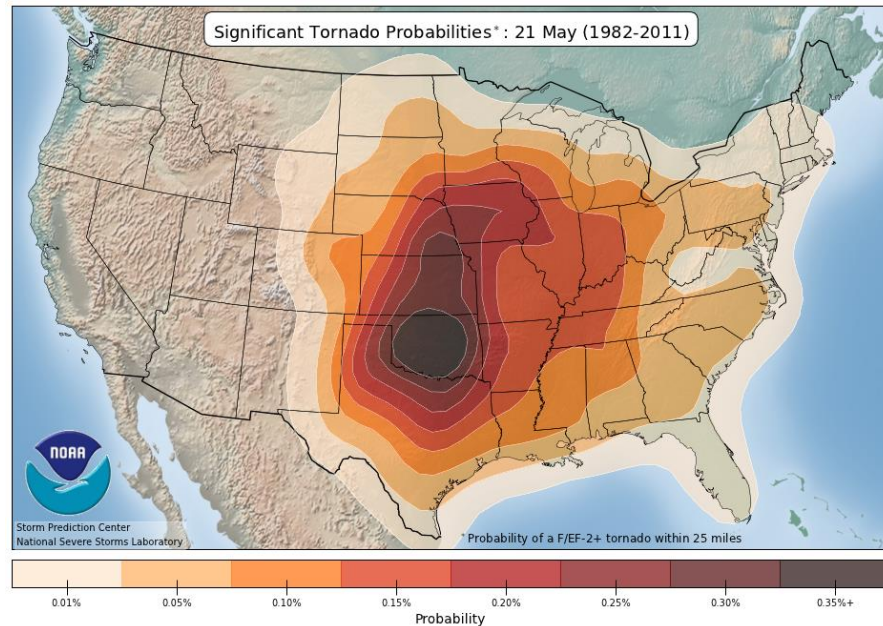


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Week 3



Week 4

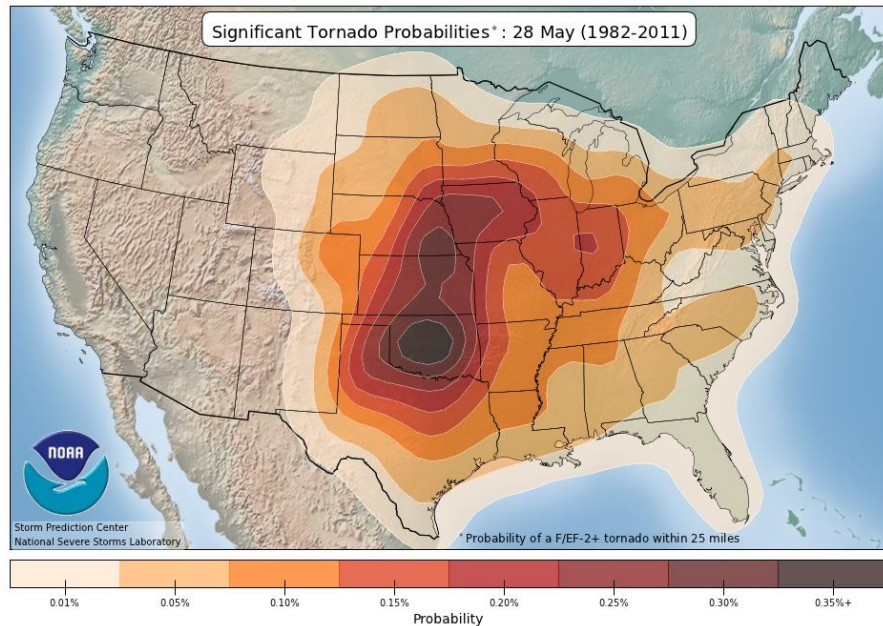


June EF2+ Tornado Probabilities

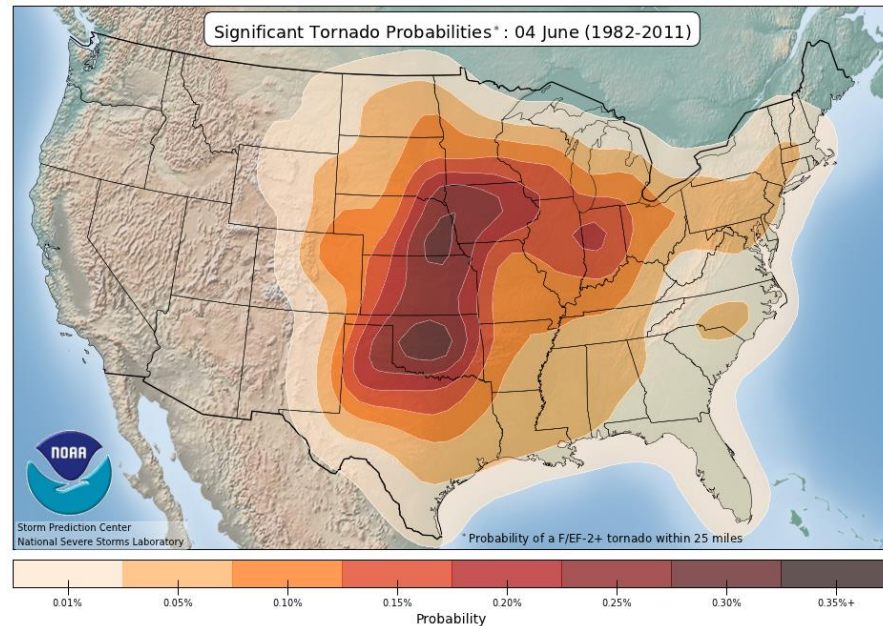


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Week 1



Week 2

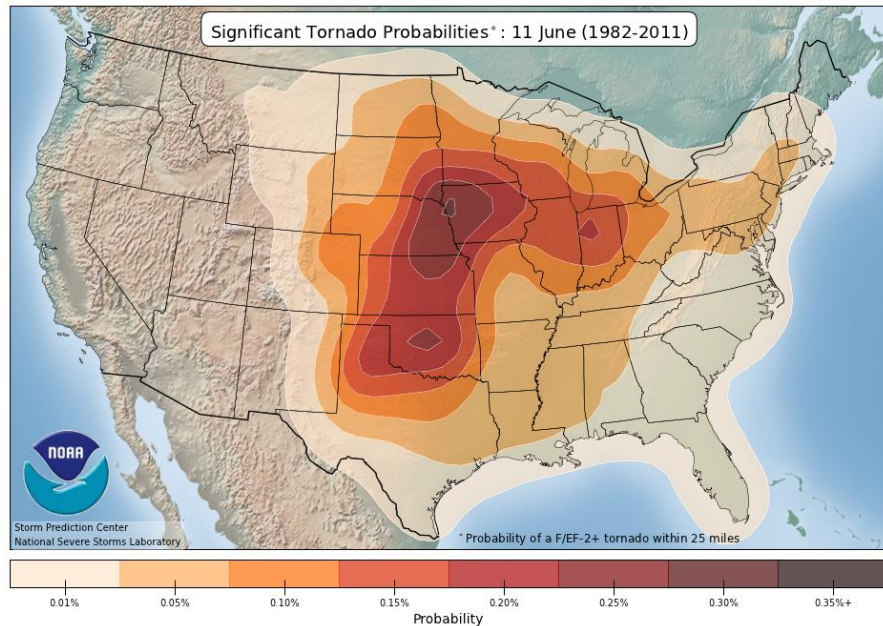


June EF2+ Tornado Probabilities

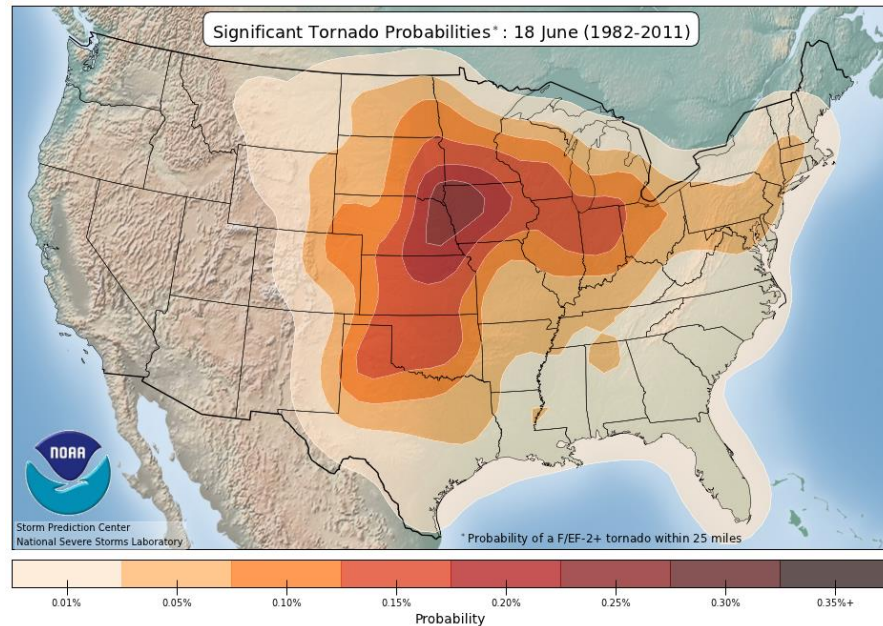


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Week 3



Week 4

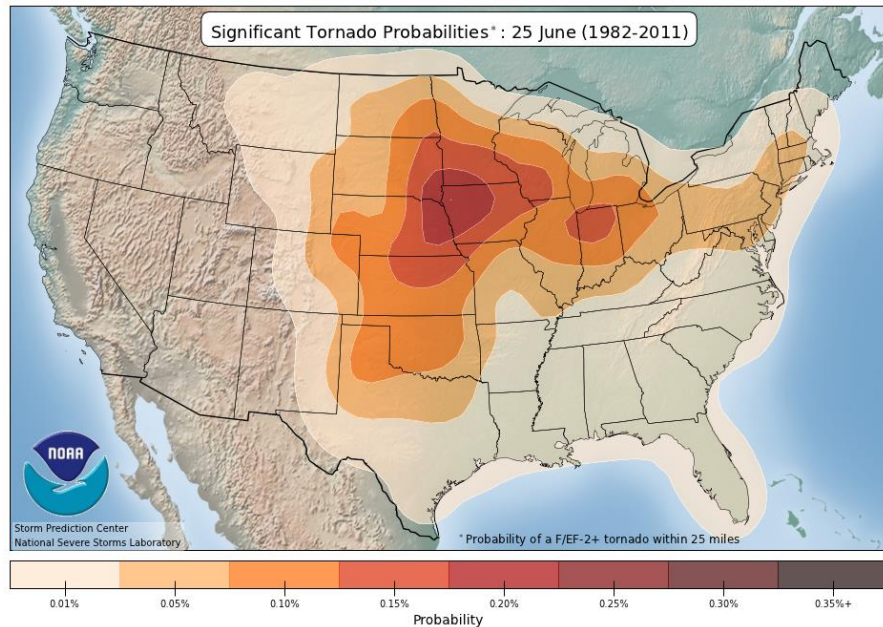


July EF2+ Tornado Probabilities

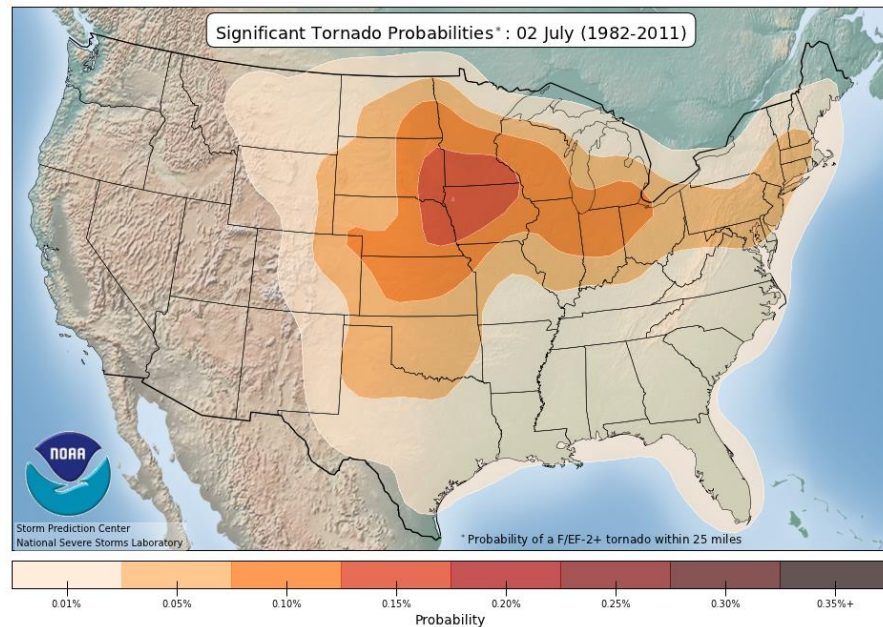


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Week 1



Week 2



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	6	3/19 – 3/26
			PA	34	18	3/19 – TBD
V	IN	Flooding February 14 – March 4, 2018	IA	9	5	3/19 – TBD
			PA	36	0	3/19 – TBD

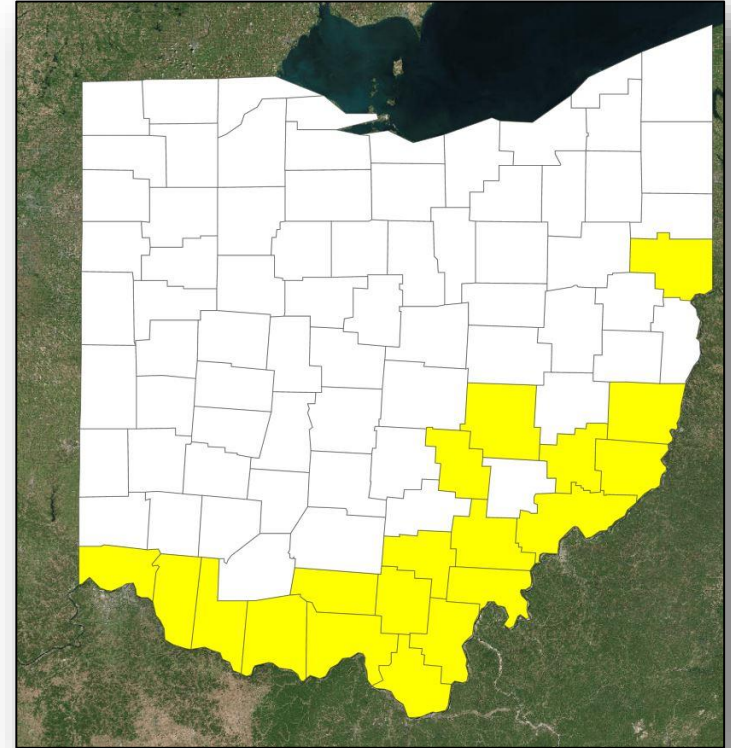
Declaration Request



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Ohio

- Governor requested a Major Disaster Declaration on March 26, 2018
- For severe storms, tornadoes, flooding and landslides that occurred February 14– 25, 2018
- Requesting:
 - Public Assistance for 19 counties
 - Hazard Mitigation for entire state



PA

Disaster Requests & Declarations



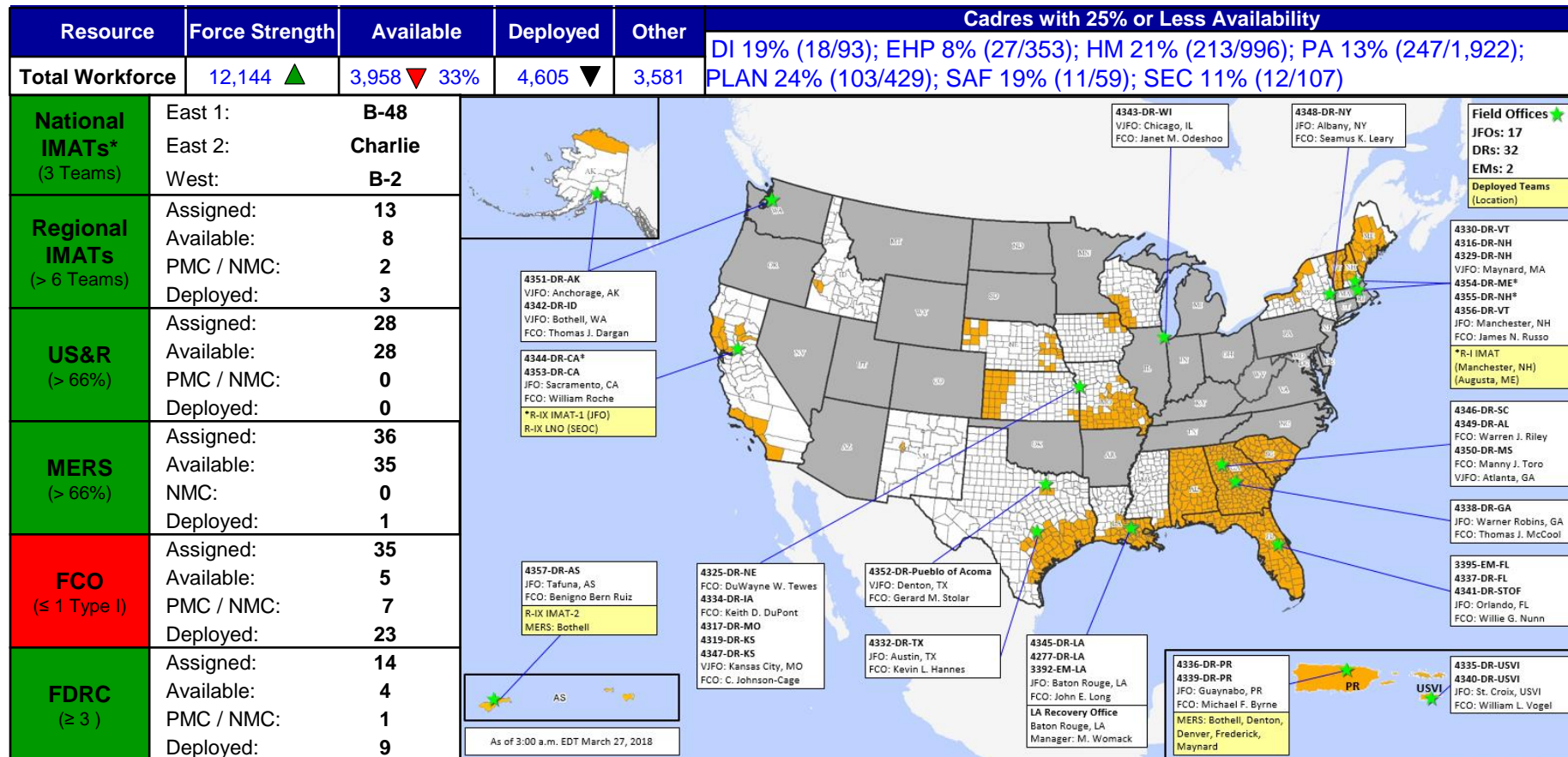
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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
5	IA	PA	HM	Date Requested	0	0
AK – DR Severe Storm		X	X	January 25, 2018		
MT – (Appeal) Wildfires		X	X	January 26, 2018		
KY – DR Severe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



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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

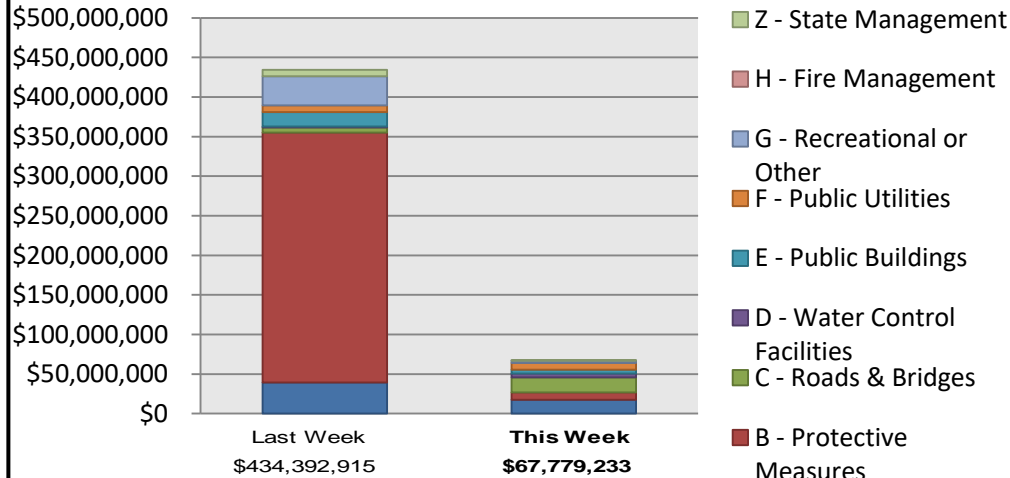
Public Assistance Grant Program



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PA Project Worksheets Obligated in past week, as of 03/26/18 at 1500 EDT										
PA Category	Emergency Work		Permanent Work							
	A - Debris Removal	B - Protective Measures	C - Roads & Bridges	D - Water Control Facilities	E - Public Buildings	F - Public Utilities	G - Recreational or Other	H - Fire Management	Z - State Management	Total
Number Of PWs Obligated	111	105	155	32	59	37	46	0	8	553
Federal Share Obligated	\$17,370,585.05	\$9,455,616.94	\$19,174,424.56	\$4,570,751.36	\$4,977,518.22	\$8,574,074.48	\$2,631,959.83	\$0.00	\$1,024,302.53	\$67,779,232.97

Public Assistance Obligated per Category
In the Past 2 Weeks – 3/12/2018 through 3/26/2018



This weeks PA Highlights

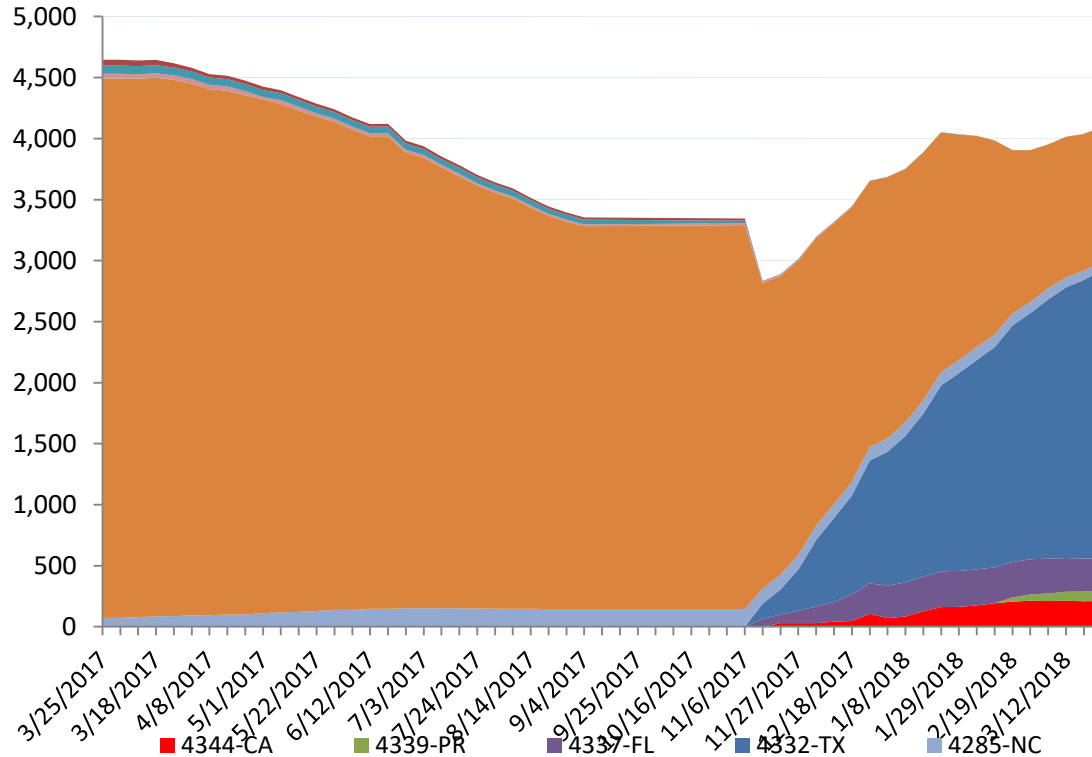
- **Over \$2.8 Million was obligated to Protective Measures for Florida.**
- **Approximately \$1.7 Million was obligated to Public Utilities for Georgia.**
- **Over \$10.6 Million was obligated to Debris Removal for South Carolina.**
- **\$10.7 Million was obligated to Roads and Bridges for California.**

Direct Housing

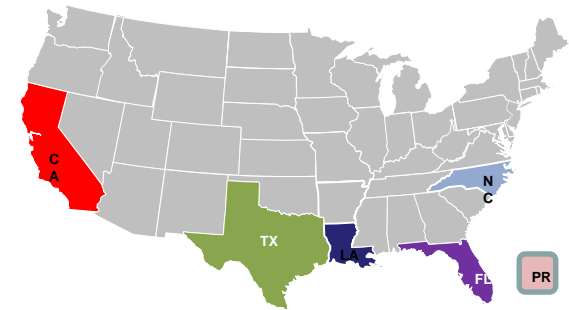


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Total Households in FEMA Direct Housing per State
Past Year per Week, 3/25/2017 – 3/26/2018, There are currently **4,112** Households
Occupying **4,112** Temporary Units



DR	IA Declaration Date	Program End Date	Current # of Households in Direct Housing (Weekly Change)
4339-PR	9/10/2017	3/20/2019	87 (+7)
4266-TX	3/19/2016	9/19/2017	1 (0)
4277-LA	8/14/2016	2/14/2018	1,099 (-21)
4285-NC	10/10/2016	4/10/2018	68 (-7)
4332-TX	8/25/2017	2/25/2018	2,365 (+82)
4337-FL	9/10/2017	3/10/2018	261 (-9)
4344-CA	10/10/2017	4/10/2018	211 (+2)



States with Currently Occupied Units

Individual Assistance Activity



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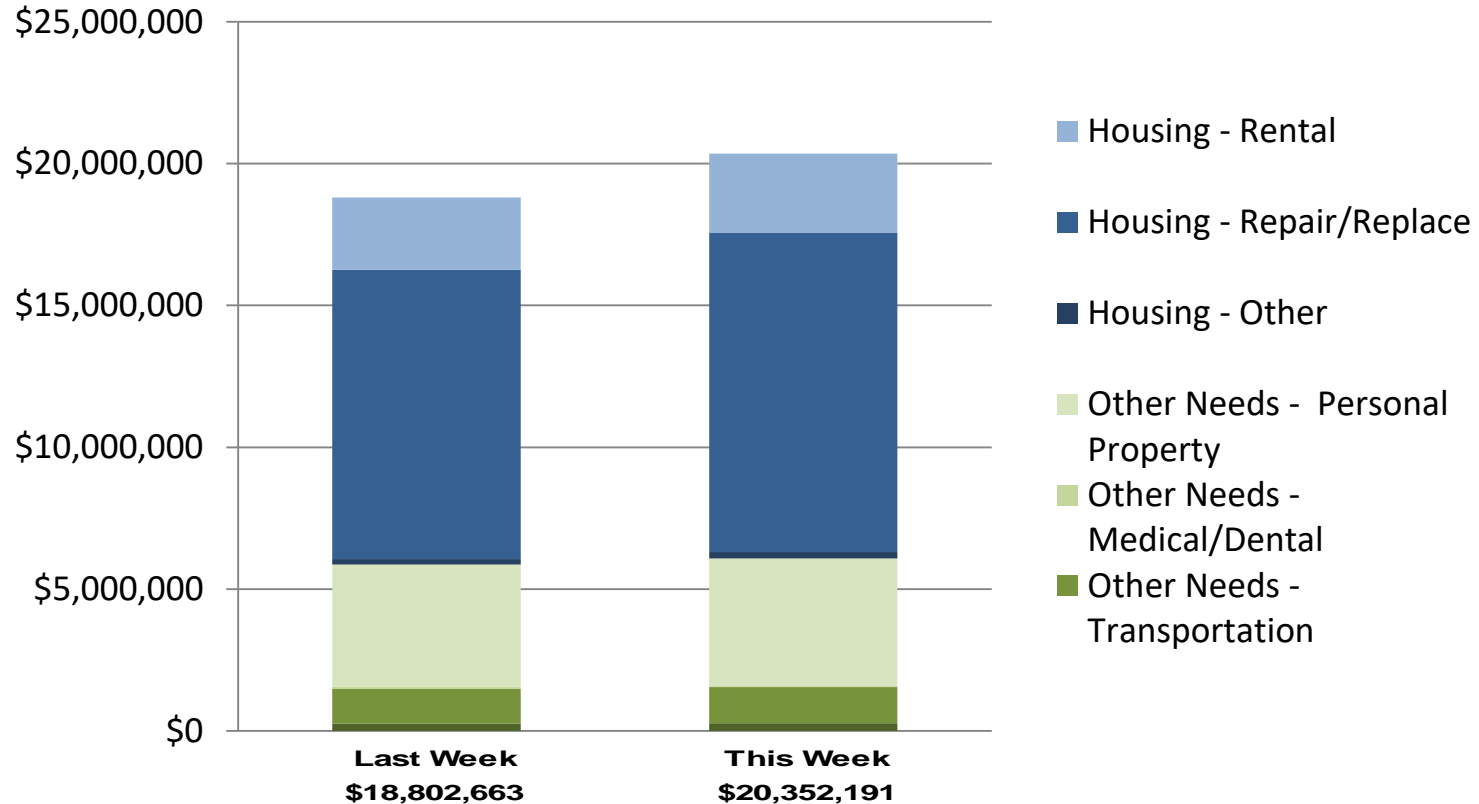
	Individuals and Households Program Activity As Of: 3/26/18				
		In Past 7 Days		Cumulative	
		Applicants Approved	Amount Approved	Applicants Approved	Amount Approved
	4336-PR Declared 09-10-2017 End Of Reg Period 06-18-2018				
Open Registration Period	Housing Assistance	10	\$64,968.80	985	\$6,189,014.16
	Other Needs Assistance	1	\$404.52	999	\$1,613,160.21
	Total IHP	\$65,373.32		\$7,802,174.37	
	Average IHP			\$5,304	
	Total Max Grants			140	
	4339-PR Declared 09-20-2017 End Of Reg Period 06-18-2018				
Open Registration Period	Housing Assistance	2,152	\$7,078,096.36	203,424	\$599,734,451.40
	Other Needs Assistance	2,285	\$3,401,545.78	368,683	\$491,969,600.01
	Total IHP	\$10,479,642.14		\$1,091,704,051.41	
	Average IHP			\$2,456	
	Total Max Grants			2931	
	4357-AS Declared 03-02-2018 End Of Reg Period 05-01-2018				
Open Registration Period	Housing Assistance	250	\$977,327.90	345	\$1,375,932.05
	Other Needs Assistance	276	\$408,482.54	356	\$516,509.90
	Total IHP	\$1,385,810.44		\$1,892,441.95	
	Average IHP			\$3,696	
	Total Max Grants			4	
Other IHP Active	16 Declarations IHP Programmatically Open - Closed Registration *				
	Housing Assistance	1,439	\$6,151,651.73		
	Other Needs Assistance	903	\$2,269,712.92		
	Total IHP	\$8,421,364.65			
	Total IHP Approved in Past Week	\$20,352,190.55			

Individual Assistance Activity



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IHP Approved per Category in the Past
2 Weeks – 3/12/2018 through 3/26/2018





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