

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

Sunday, April 2, 2017

8:30 a.m. EDT

Significant Activity – Apr 1-2



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Significant Events: Severe Weather – Gulf Coast; no significant impacts reported

Significant Weather:

- Severe Thunderstorms and Flash Flooding – Southern Plains to Lower Mississippi Valley
- Rain and Thunderstorms – Southern Plains to Ohio Valley and Southeast
- Space Weather:
 - Past 24 hours: Moderate – Radio blackouts reaching R2 level occurred
 - Next 24 hours: Minor – Radio blackouts reaching R1 level expected

Tropical Activity: No activity affecting U.S. interests

Earthquake Activity: No significant activity

Declaration Activity:

- Major Disaster Declaration approved – CA
- Major Disaster Declaration requested – ID

Severe Weather – Gulf Coast



Current Situation

- Moderate risk for severe thunderstorms today through Monday morning from TX to LA
 - Strong (EF-2 or greater) tornadoes, large destructive hail (2" or greater), and 75 mph (or greater) winds possible
 - Flash flooding also possible in Houston, Lake Charles, and Baton Rouge
- Possible tornado touch down in Coleman County, TX after midnight last night

Impacts

- No reported impacts as of this morning

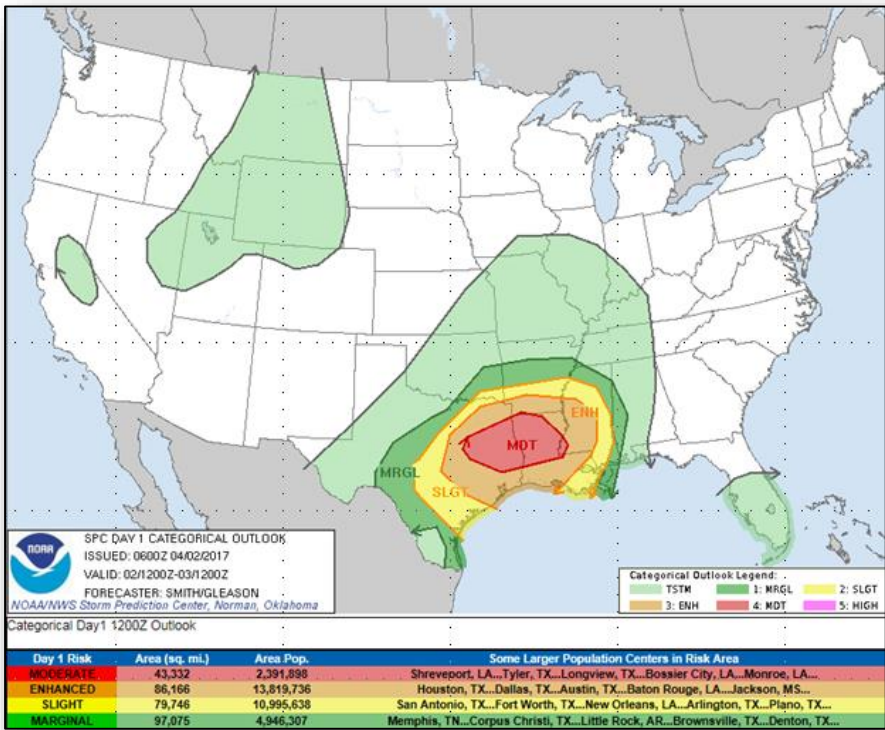
State/Local Response

- LA EOC at Monitoring
- TX EOC at Normal Operations; monitoring for impacts

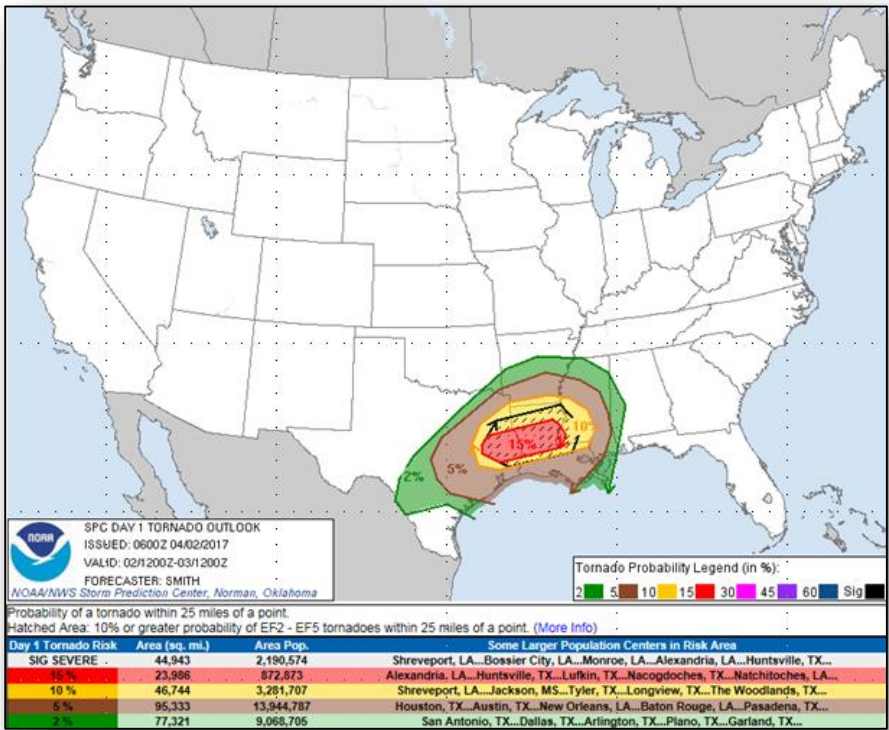
Federal Response

- Region IV RWC at Watch / Steady State; monitoring for impacts
- Region VI RWC at Enhanced Watch (24 hour); RRCC and IMATs on Stand-by
- US&R teams on Stand-by, ready to deploy to Houston area
- NWC at Watch / Steady State; Enhanced Watch on Stand-by
- No requests for FEMA assistance

Severe Weather Outlook – Day 1

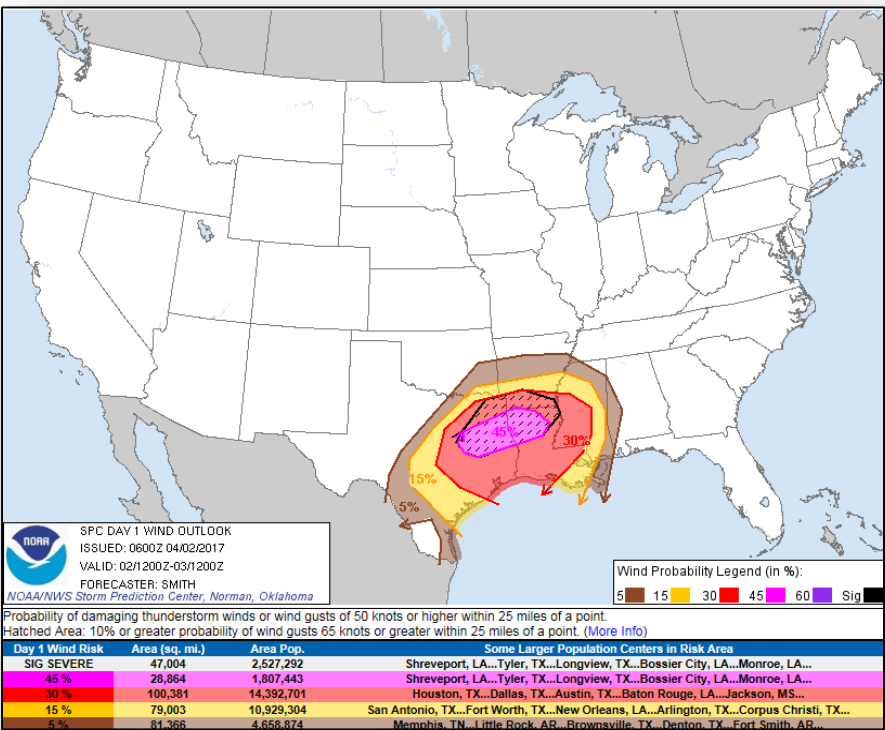


Categorical Outlook

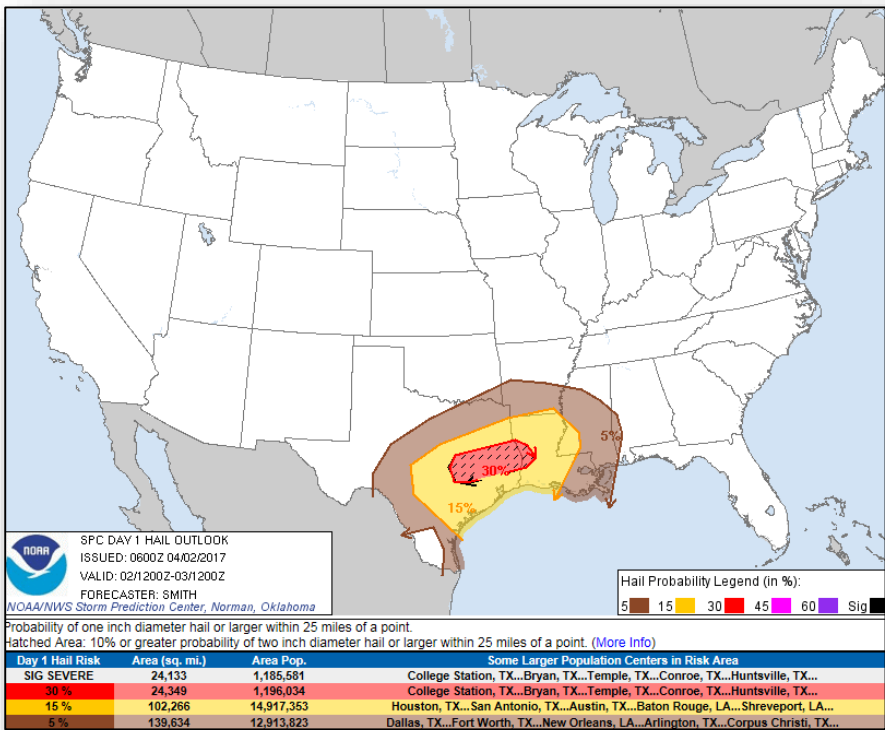


Tornado Probabilistic Outlook

Severe Wind & Hail Outlook – Day 1

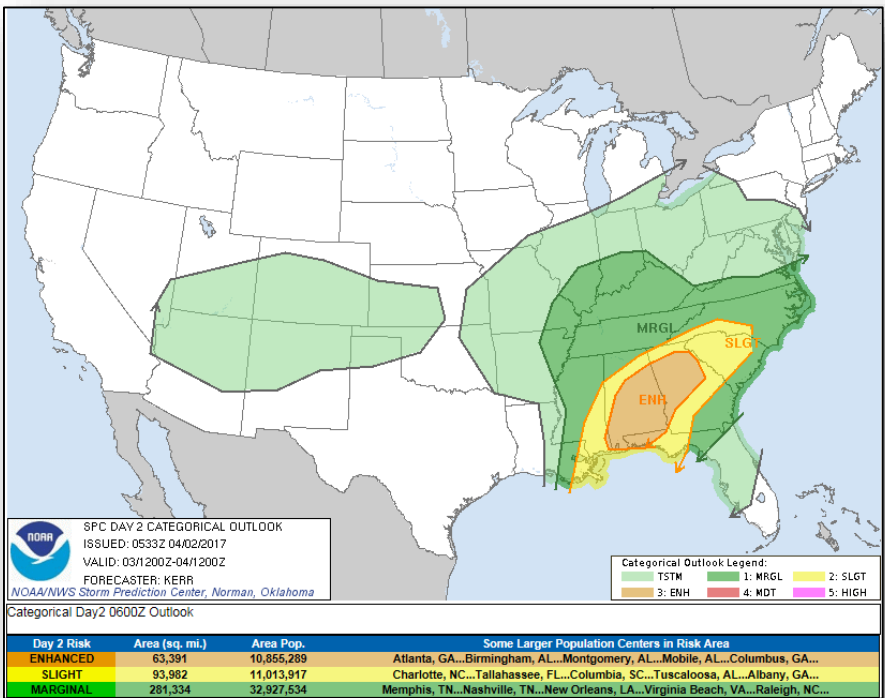


Damaging Wind Probabilities

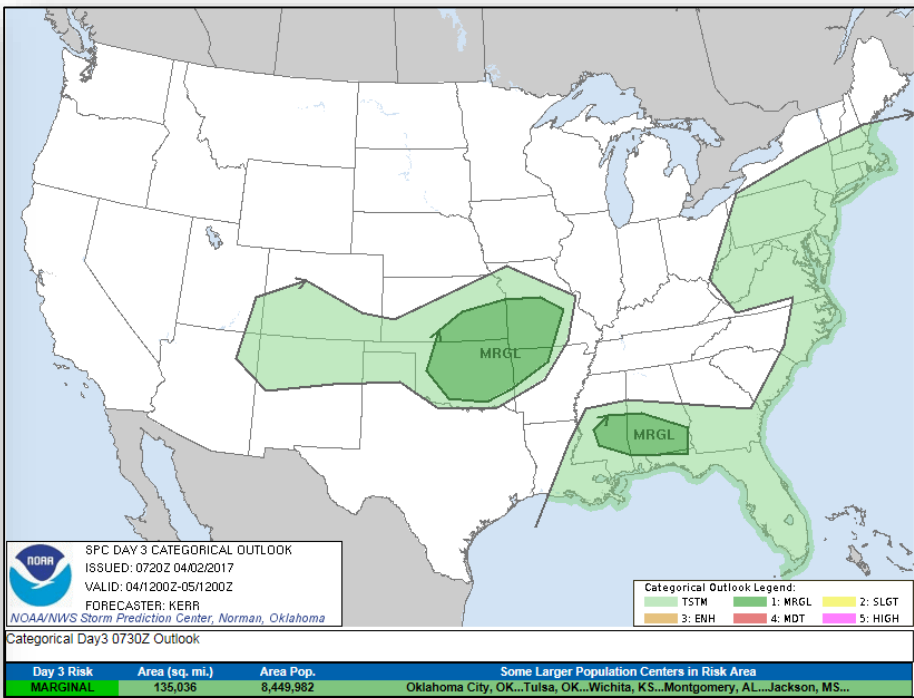


Damaging Hail Probabilities

Severe Weather Outlook – Days 2-3



Tomorrow









Tuesday

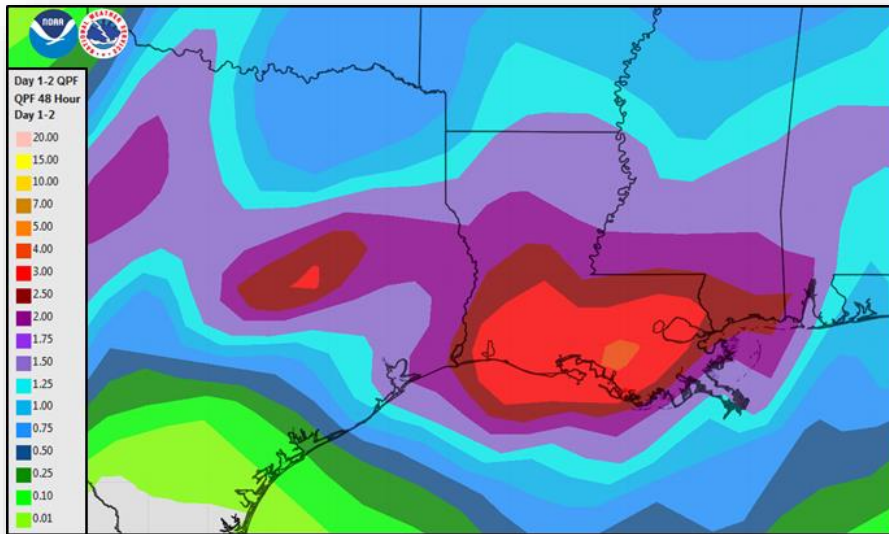
SPC Risk Categories



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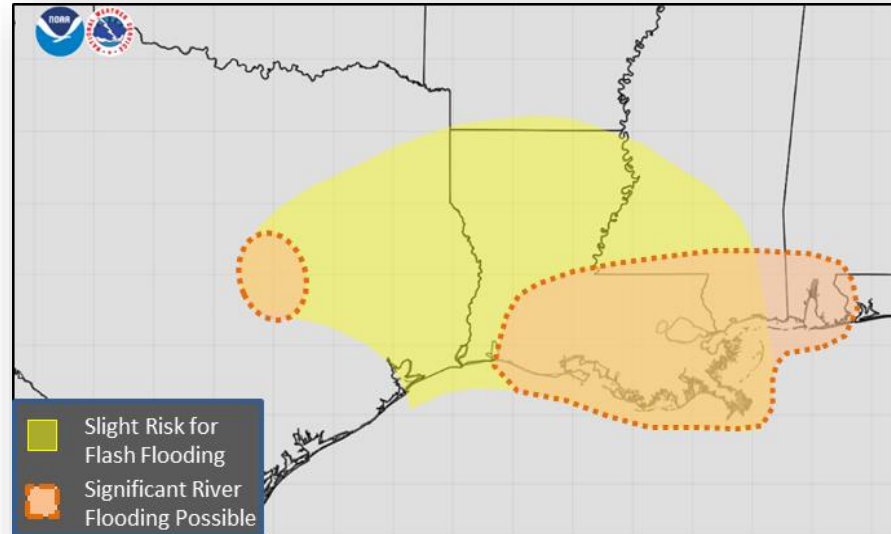
THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with <u>all</u> thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense
					
<ul style="list-style-type: none"> • Winds to 40 mph • Small hail 	<ul style="list-style-type: none"> • Winds 40-60 mph • Hail up to 1" • Low tornado risk 	<ul style="list-style-type: none"> • One or two tornadoes • Reports of strong winds/wind damage • Hail ~1", isolated 2" 	<ul style="list-style-type: none"> • A few tornadoes • Several reports of wind damage • Damaging hail, 1 - 2" 	<ul style="list-style-type: none"> • Strong tornadoes • Widespread wind damage • Destructive hail, 2" + 	<ul style="list-style-type: none"> • Tornado outbreak • Derecho
<p>* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.</p>					

Flood Risk – Gulf Coast



Two-Day Rainfall Amounts:

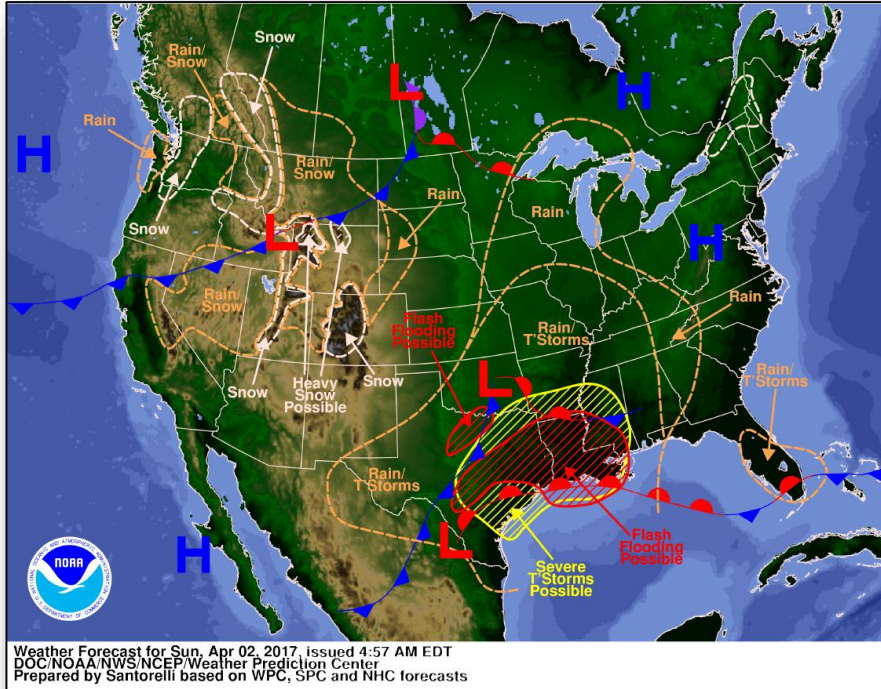
- Sunday into Sunday Night: Widespread 2-3 inches in central TX through western LA
- Monday into Monday Night: Widespread 2-3 inches in southern LA and MS



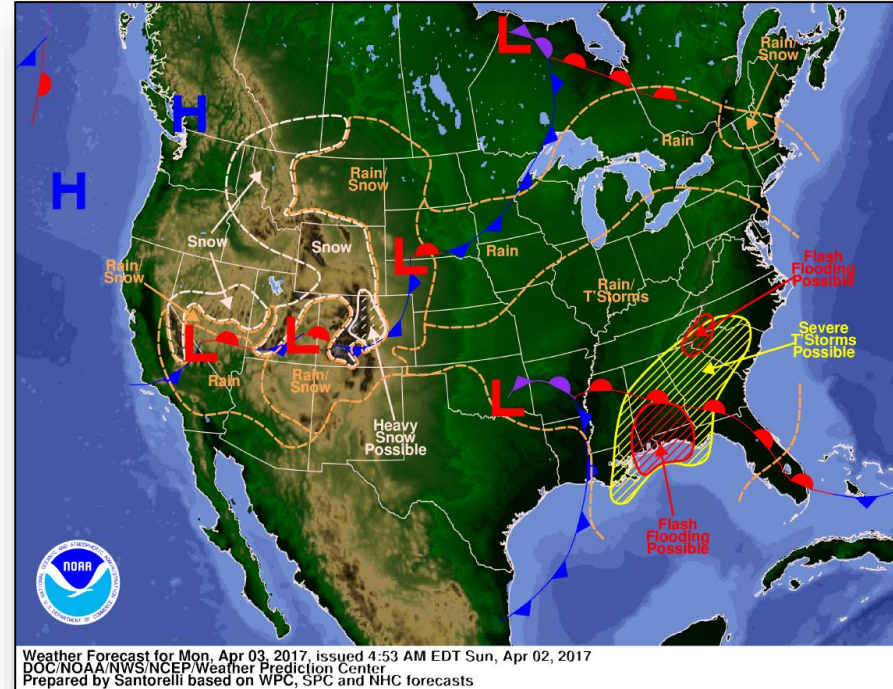
Rainfall-Related Impacts:

- Heavy rain in a short period of time may result in flash flooding, especially in persistent storms and/or vulnerable flood areas (i.e. urban locales)
- Sharp rises in quick-responding basins may cause minor to local moderate river/stream flooding Sunday into midweek

National Weather Forecast



Today

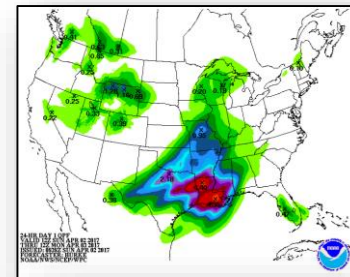
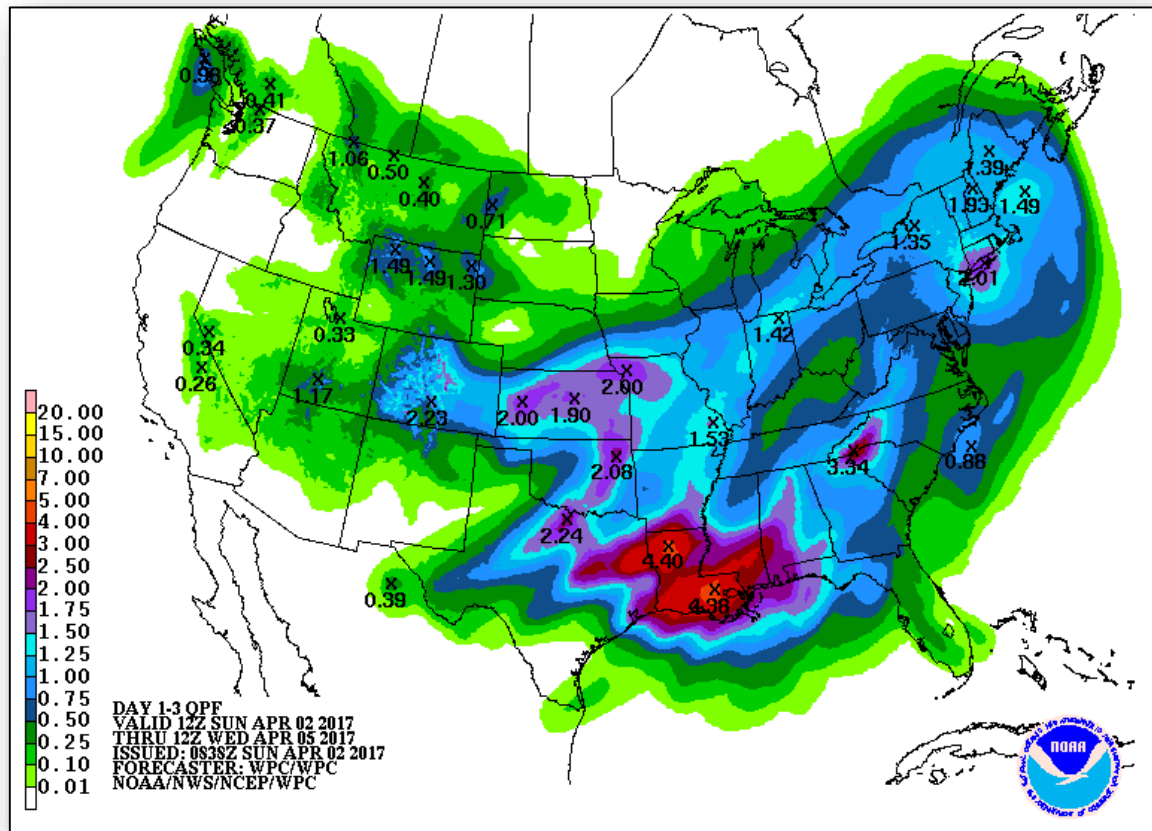


Tomorrow

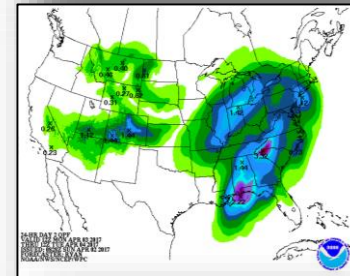
Precipitation Forecast – Days 1-3



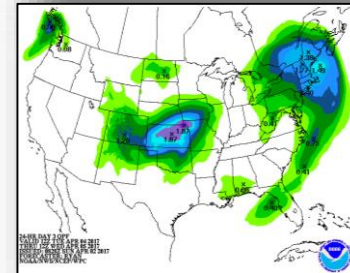
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Day 1



Day 2

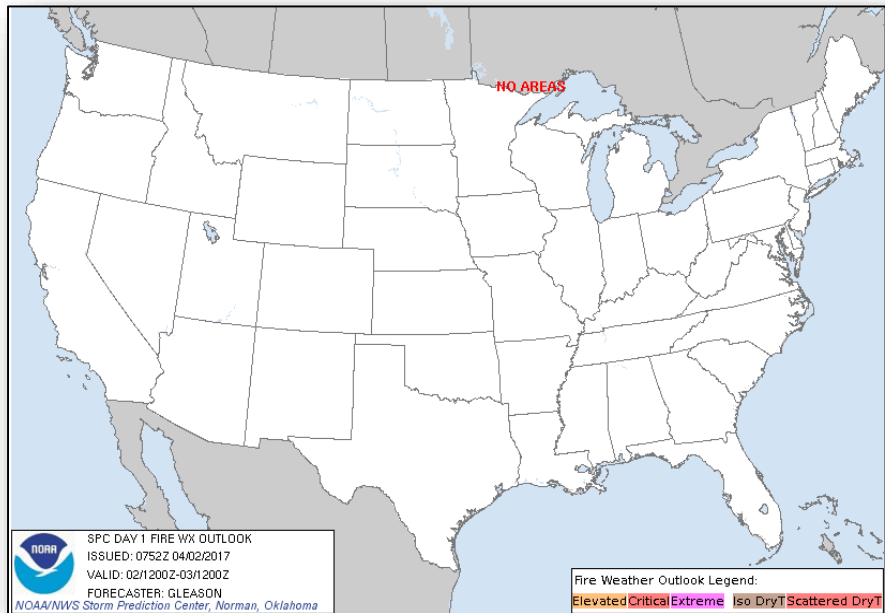


Day 3

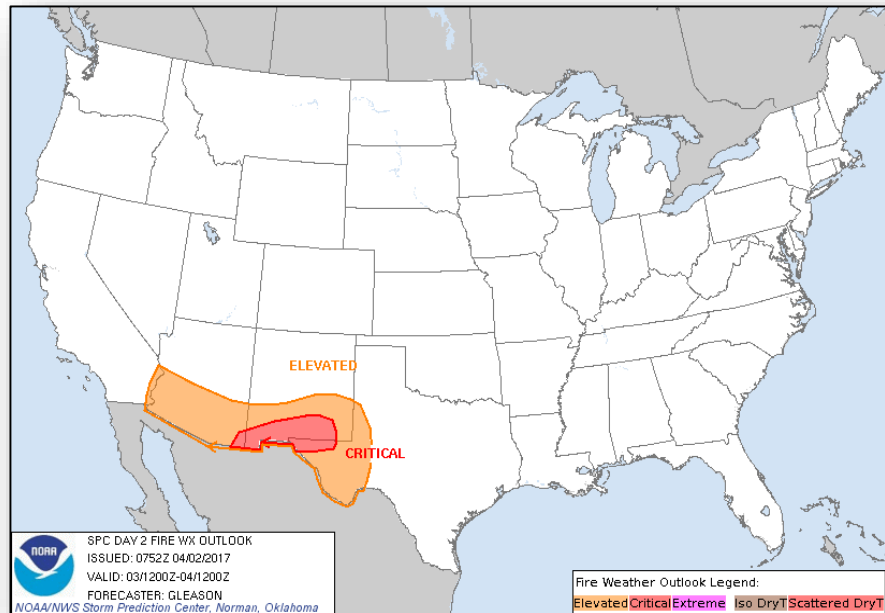
Fire Weather Outlook



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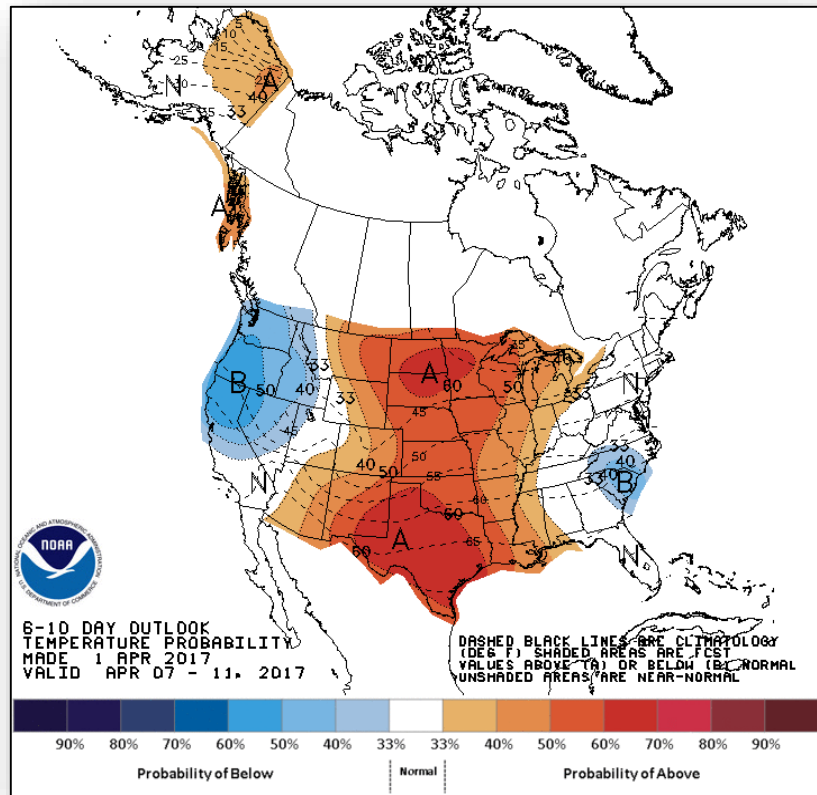


Today

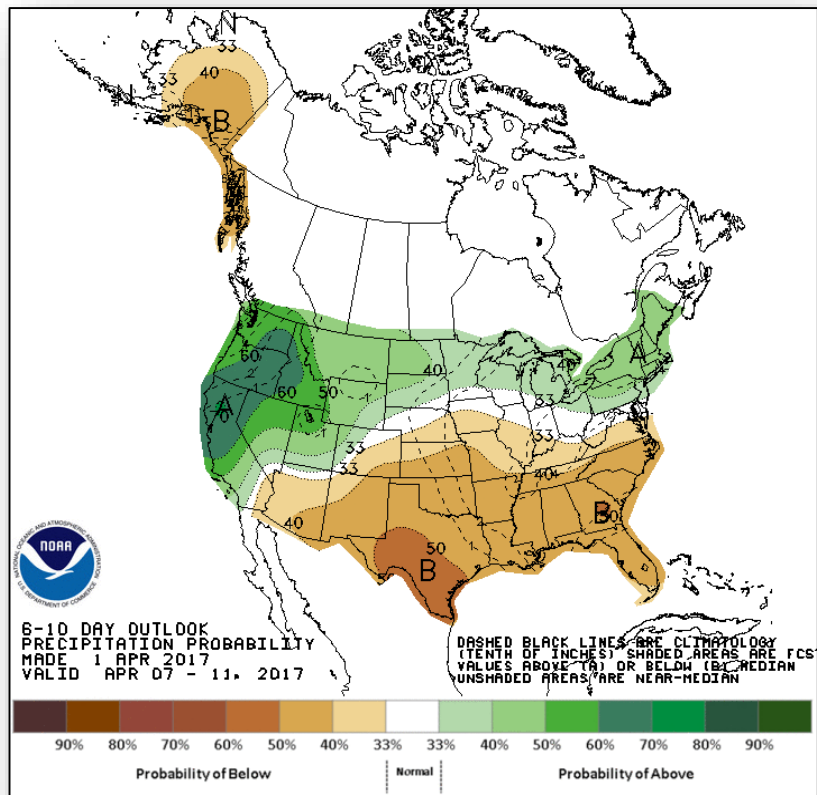


Tomorrow

6-10 Day Outlooks



6-10 Day Temperature Probability



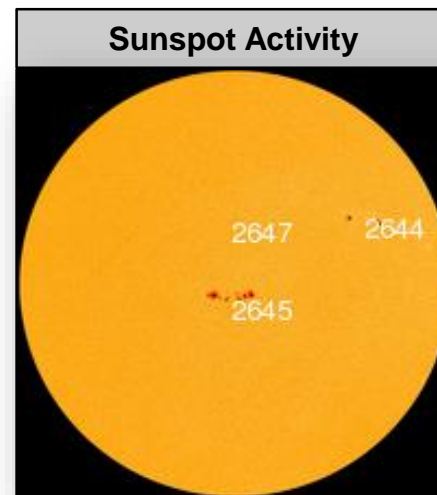
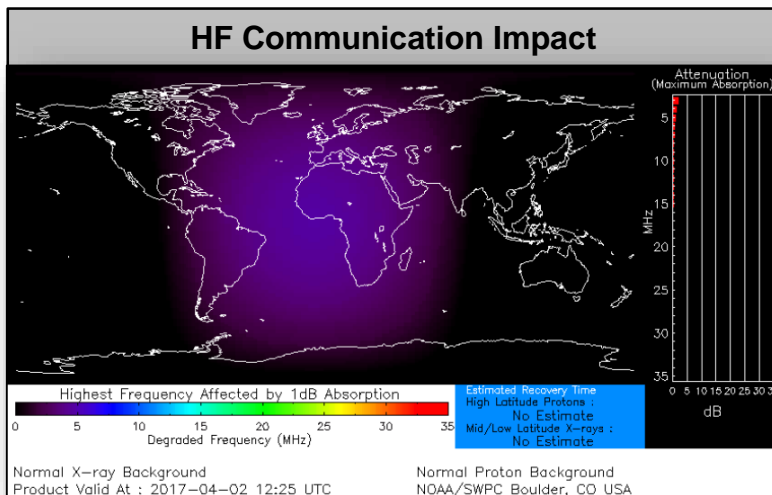
6-10 Day Precipitation Probability

Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Moderate	None	R2	None
Next 24 Hours	Minor	None	R1	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	
II	New York	Winter Storm Event March 13-15, 2017	IA	0	0	N/A
			PA	30	0	Mar 30 – TBD
VIII	Utah	Flooding February 14-21	IA	0	0	N/A
			PA	2	0	Apr 03 – TBD

Disaster Requests & Declarations



FEMA

Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	1	0
OR – DR Severe Winter Storms, Flooding, Landslides, and Mudslides	March 9, 2017		
CA – DR Severe Winter Storms, Flooding, and Mudslides	March 19, 2017	Declared April 1, 2017	
ID – DR Severe Storms and Flooding	March 30, 2017		

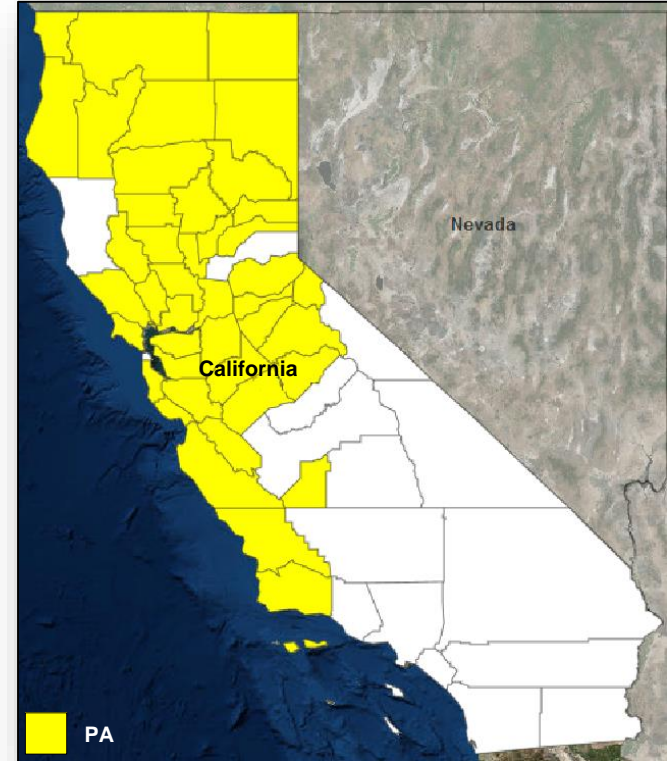
Declaration Approved



FEMA

California

- Major Disaster Declaration FEMA-4308-DR-CA was declared on April 1, 2017 for the State of California
- For Severe Winter Storms, Flooding, and Mudslides during the period of February 1-23, 2017
- Provides:
 - Public Assistance for 42 counties
 - Hazard Mitigation statewide
- FCO is Timothy J. Scranton



Readiness – Deployable Teams and Assets



FEMA

Resource	Force Strength	Available		Deployed	Other	Cadres with less than 25% availability	
Total Workforce	10,168	5,973	58%	2,899	1,296	Field Leadership, Environmental Planning & Historic Preservation	
National IMATs	East 1:	B-2*					
	East 2:	B-48*					
	West:	Charlie*					
Regional IMATs	Assigned:	13					
	Available:	10					
	PMC / NMC:	1					
	Deployed:	2					
US&R	Assigned:	28					
	Available:	28					
	PMC / NMC:	0					
	Deployed:	0					
MERS	Assigned:	36					
	Available:	35					
	NMC:	1					
	Deployed:	0					
FCO	Assigned:	36					
	Available:	8					
	PMC / NMC:	6					
	Deployed:	22					
FDRC	Assigned:	11					
	Available:	5					
	PMC / NMC:	2					
	Deployed:	4					

***B-2 Status:** Assemble ≤ 2-hrs, On Site ≤ 18-hrs; **B-48 Status:** Assemble and deploy ≤ 48hrs; **Charlie Status:** No team assemble time requirement

Readiness – Activation Teams



Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Not Activated		Enhanced Watch on Stand-by		Potential Severe Weather – Gulf Coast
NRCC		2	Not Activated				NRCS Blue Team – April primary
HLT		1	Not Activated				Deactivated for the season
RWCs/MOCs		10	Activated	Region VI	Enhanced Watch	24 hours	Potential Severe Weather – Gulf Coast
RRCCs		10	Not Activated	Region VI	On Stand-by		Potential Severe Weather – Gulf Coast

Back-up Regions (March 20 – April 3): **II, III & X**



FEMA

FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.