



FEMA

Daily Operations Briefing

Sunday, April 2, 2017

8:30 a.m. EDT

Significant Activity – Apr 1-2



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

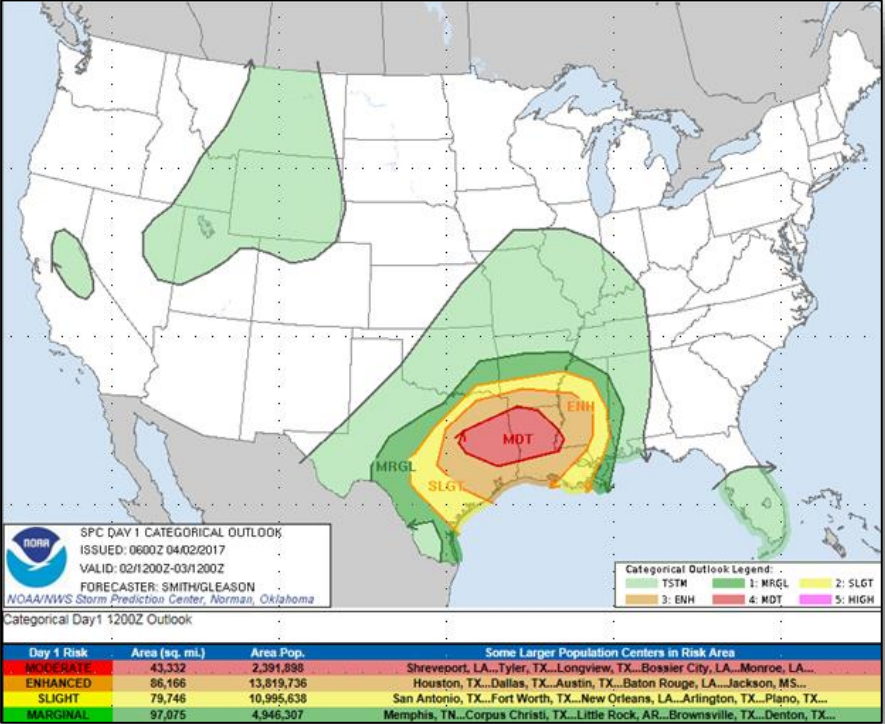
State/Local Response

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

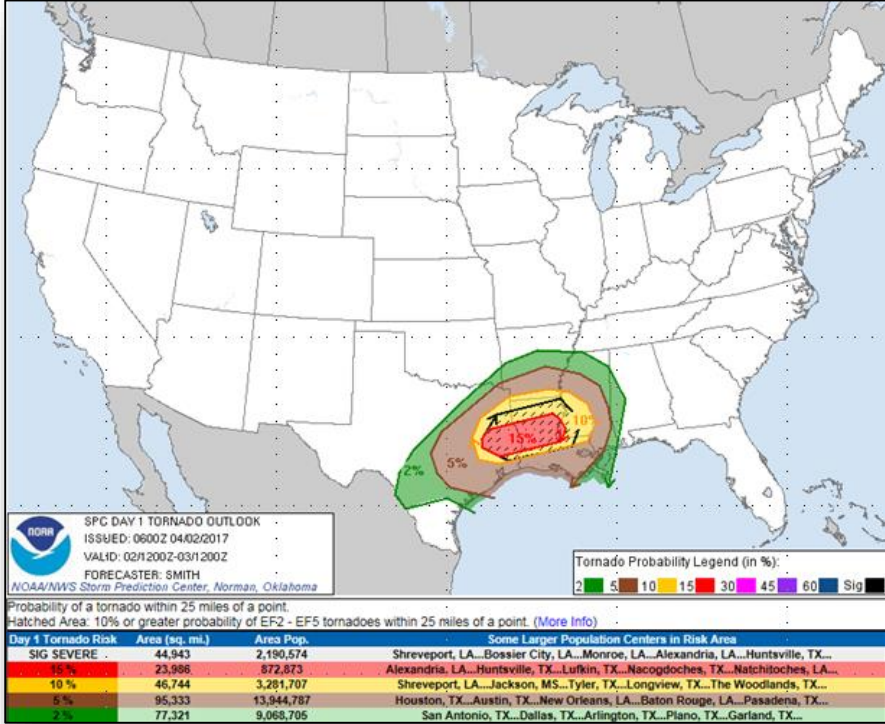
Federal Response

- 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

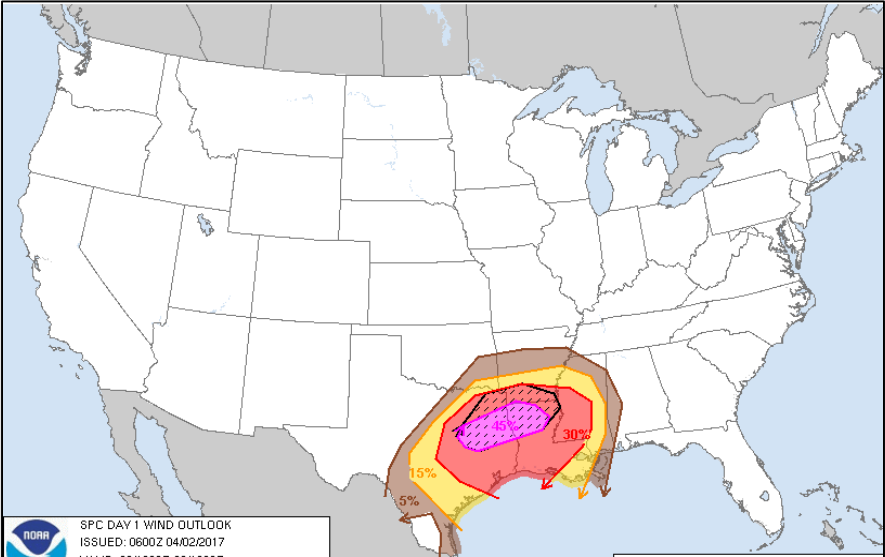


Categorical Outlook



Tornado Probabilistic Outlook

Severe Wind & Hail Outlook – Day 1



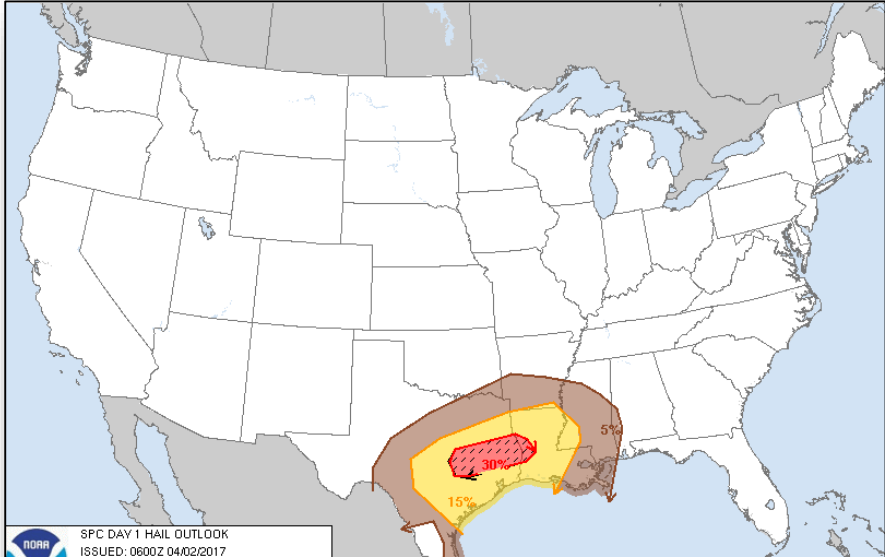
SPC DAY 1 WIND OUTLOOK
 ISSUED: 0600Z 04/02/2017
 VALID: 02/1200Z-03/1200Z
 FORECASTER: SMITH
 NOAA/NWS Storm Prediction Center, Norman, Oklahoma

Wind Probability Legend (in %):
 5 15 30 45 60 Sig

Probability of damaging thunderstorm winds or wind gusts of 50 knots or higher within 25 miles of a point.
 Hatched Area: 10% or greater probability of wind gusts 65 knots or greater within 25 miles of a point. [\(More Info\)](#)

Day 1 Wind Risk	Area (sq. mi.)	Area Pop.	Some Larger Population Centers in Risk Area
SIG SEVERE	47,004	2,527,292	Shreveport, LA...Tyler, TX...Longview, TX...Bossier City, LA...Monroe, LA...
45%	28,864	1,807,443	Shreveport, LA...Tyler, TX...Longview, TX...Bossier City, LA...Monroe, LA...
30%	100,381	14,392,701	Houston, TX...Dallas, TX...Austin, TX...Baton Rouge, LA...Jackson, MS...
15%	79,003	10,929,304	San Antonio, TX...Fort Worth, TX...New Orleans, LA...Arlington, TX...Corpus Christi, TX...
5%	81,366	4,658,874	Memphis, TN...Little Rock, AR...Brownsville, TX...Denton, TX...Fort Smith, AR...

Damaging Wind Probabilities



SPC DAY 1 HAIL OUTLOOK
 ISSUED: 0600Z 04/02/2017
 VALID: 02/1200Z-03/1200Z
 FORECASTER: SMITH
 NOAA/NWS Storm Prediction Center, Norman, Oklahoma

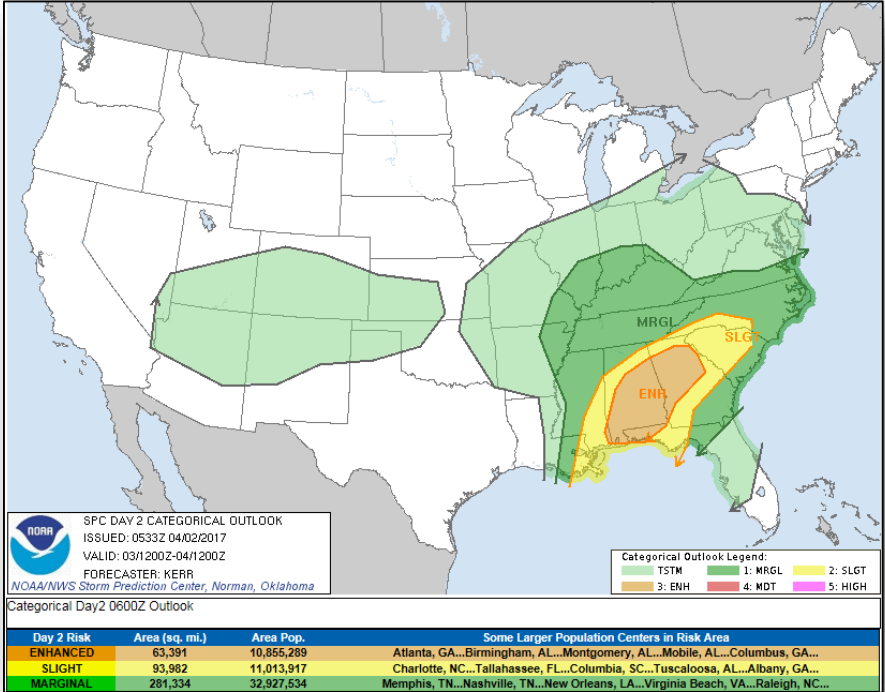
Hail Probability Legend (in %):
 5 15 30 45 60 Sig

Probability of one inch diameter hail or larger within 25 miles of a point.
 Hatched Area: 10% or greater probability of two inch diameter hail or larger within 25 miles of a point. [\(More Info\)](#)

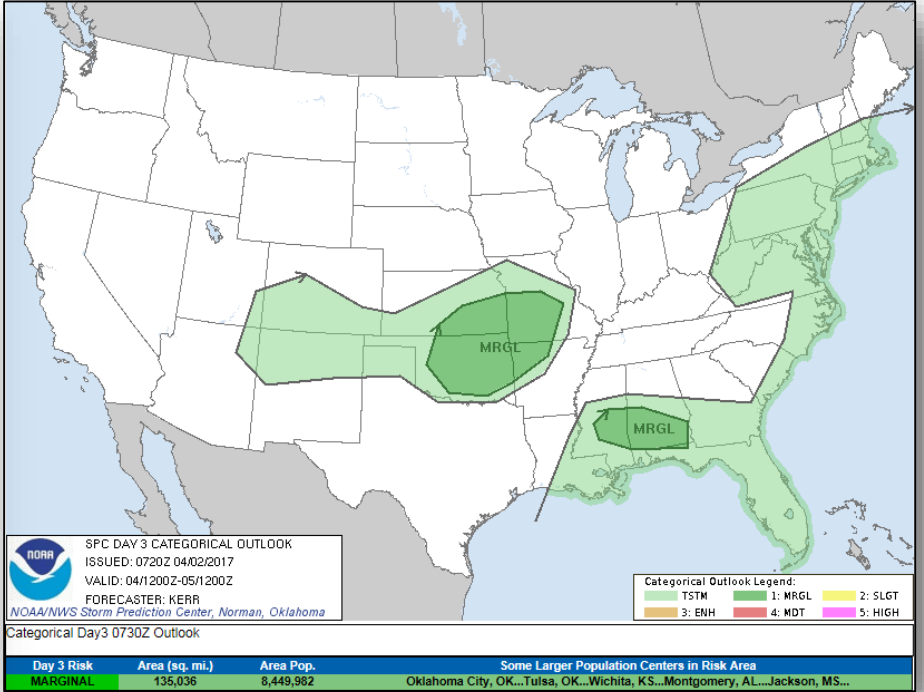
Day 1 Hail Risk	Area (sq. mi.)	Area Pop.	Some Larger Population Centers in Risk Area
SIG SEVERE	24,133	1,185,581	College Station, TX...Bryan, TX...Temple, TX...Conroe, TX...Huntsville, TX...
30%	24,349	1,196,034	College Station, TX...Bryan, TX...Temple, TX...Conroe, TX...Huntsville, TX...
15%	102,266	14,917,353	Houston, TX...San Antonio, TX...Austin, TX...Baton Rouge, LA...Shreveport, LA...
5%	139,634	12,913,823	Dallas, TX...Fort Worth, TX...New Orleans, LA...Arlington, TX...Corpus Christi, TX...

Damaging Hail Probabilities

Severe Weather Outlook – Days 2-3









Tomorrow



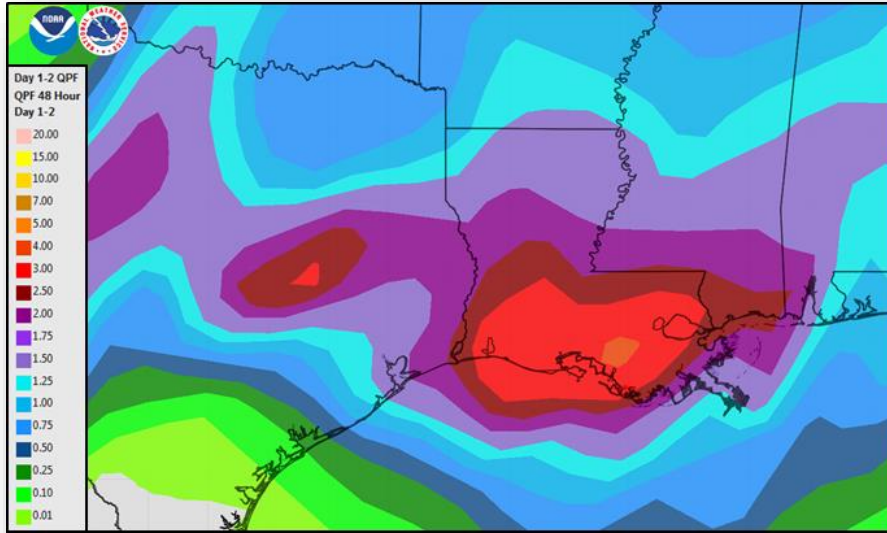
Tuesday

SPC Risk Categories



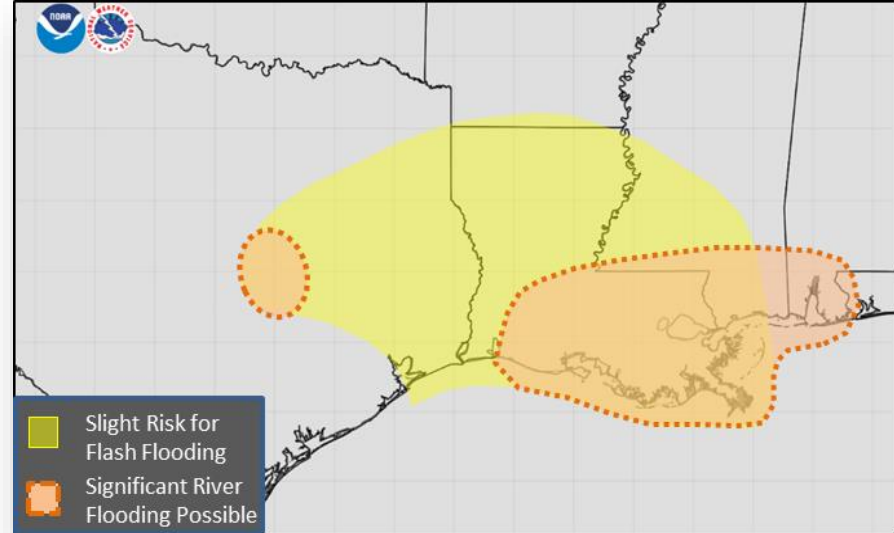
THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
<p>No severe* thunderstorms expected</p> <p>Lightning/flooding threats exist with <u>all</u> thunderstorms</p>	<p>Isolated severe thunderstorms possible</p> <p>Limited in duration and/or coverage and/or intensity</p>	<p>Scattered severe storms possible</p> <p>Short-lived and/or not widespread, isolated intense storms possible</p>	<p>Numerous severe storms possible</p> <p>More persistent and/or widespread, a few intense</p>	<p>Widespread severe storms likely</p> <p>Long-lived, widespread and intense</p>	<p>Widespread severe storms expected</p> <p>Long-lived, very widespread and particularly intense</p>
					
<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:

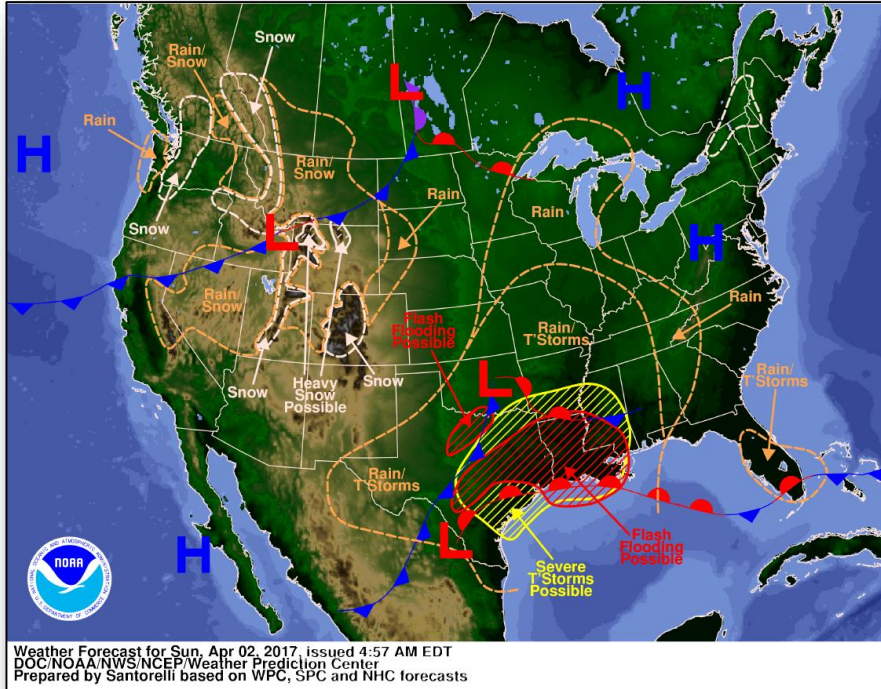
- Sunday into Sunday Night: Widespread 2-3 inches in central TX through western LA
- Monday into Monday Night: Widespread 2-3 inches in southern LA and MS



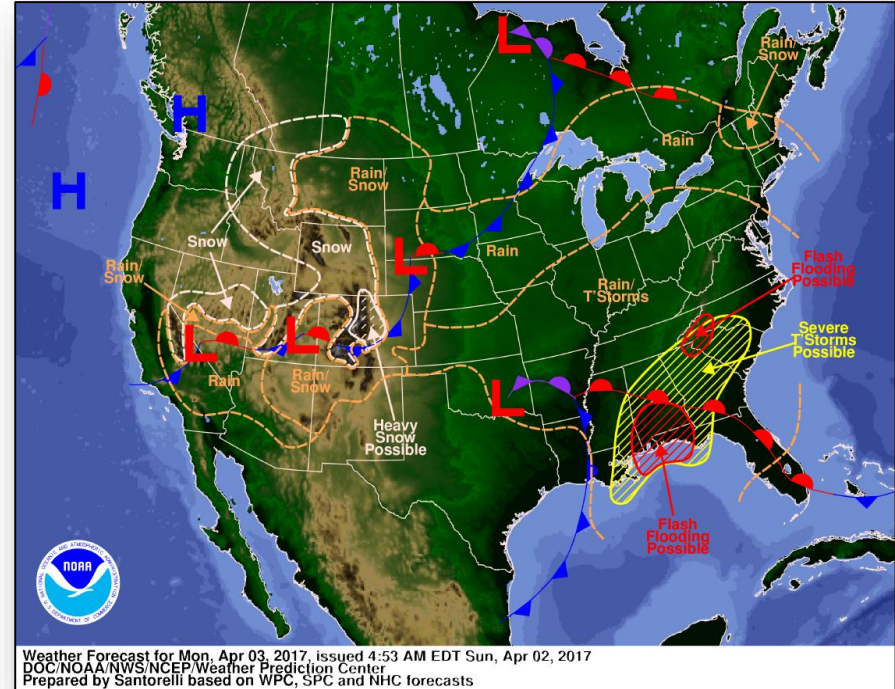
Rainfall-Related Impacts:

- 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

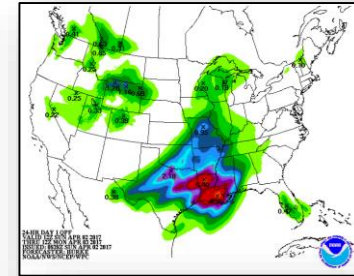
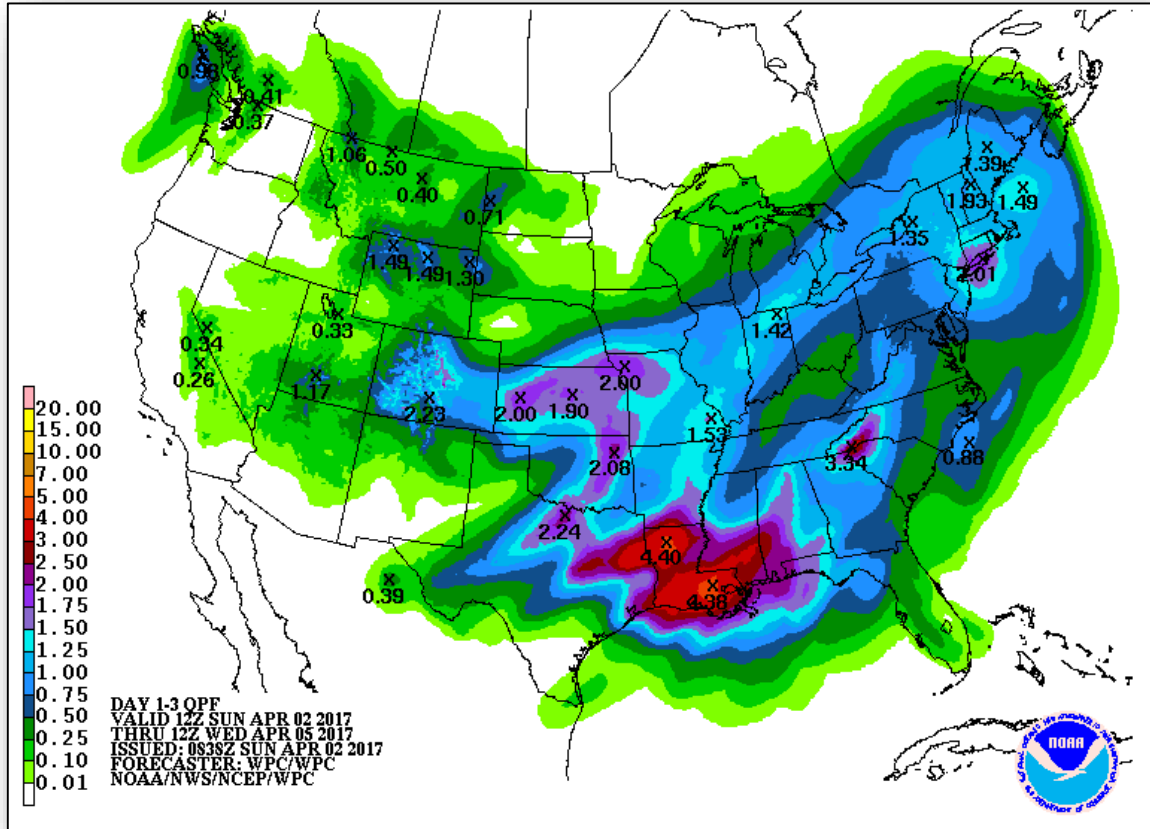


Today

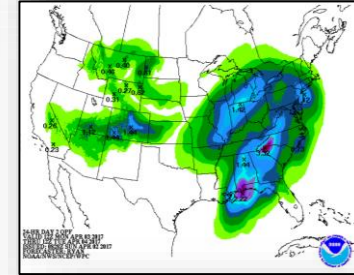


Tomorrow

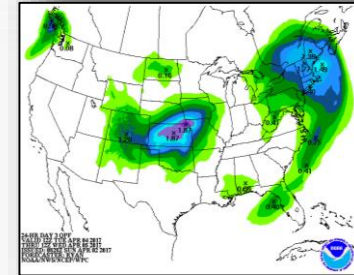
Precipitation Forecast – Days 1-3



Day 1

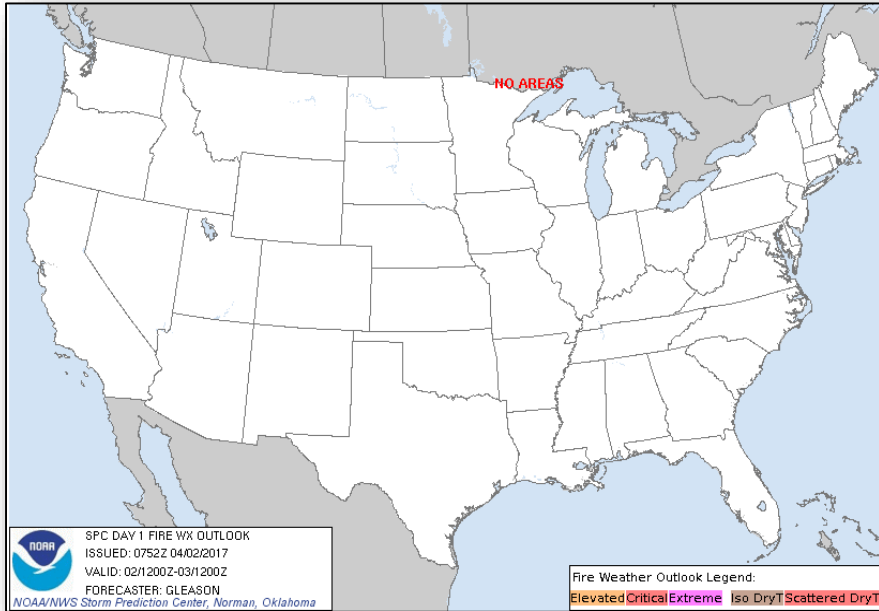


Day 2

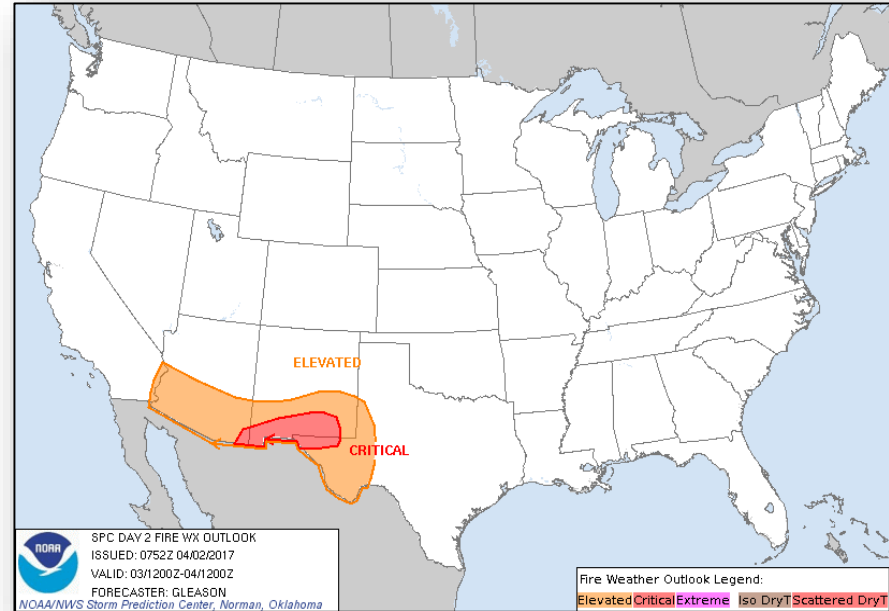


Day 3

Fire Weather Outlook

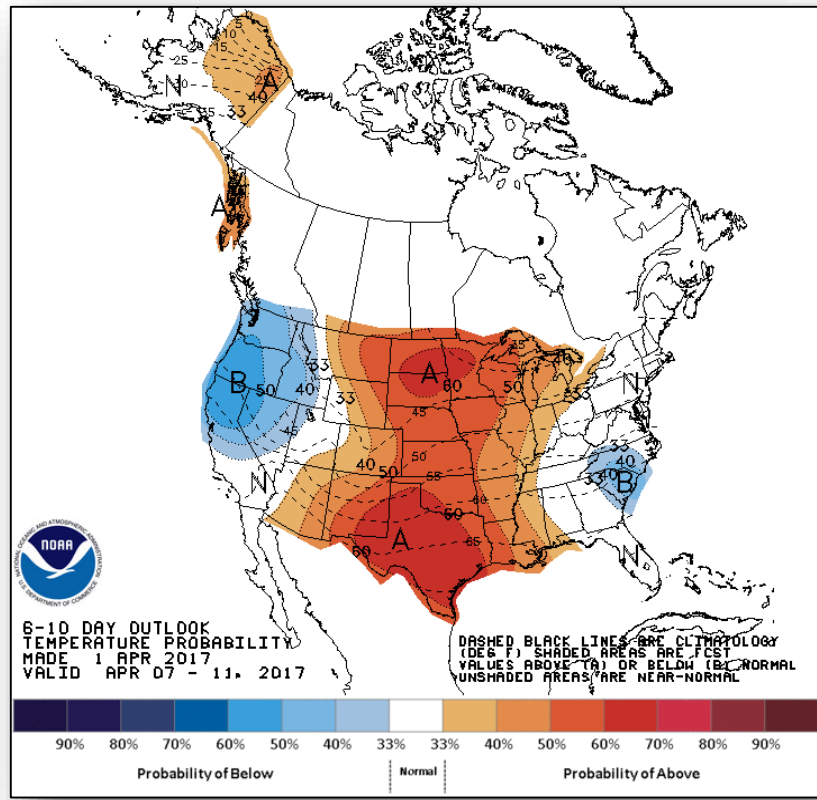


Today

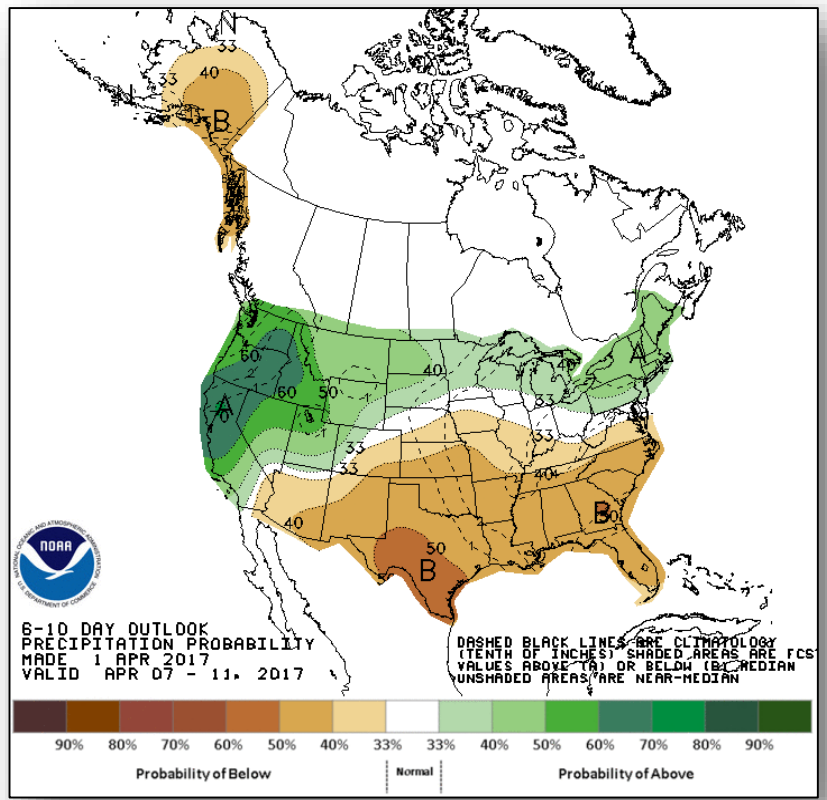


Tomorrow

6-10 Day Outlooks



6-10 Day Temperature Probability



6-10 Day Precipitation Probability

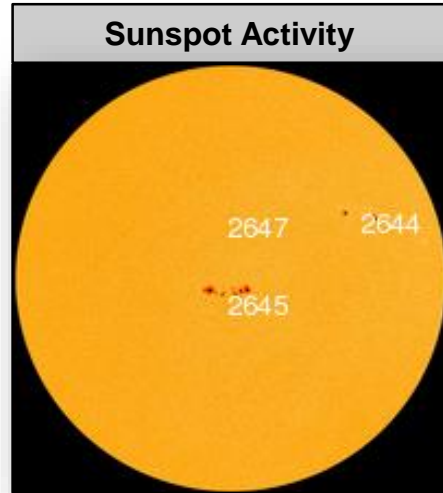
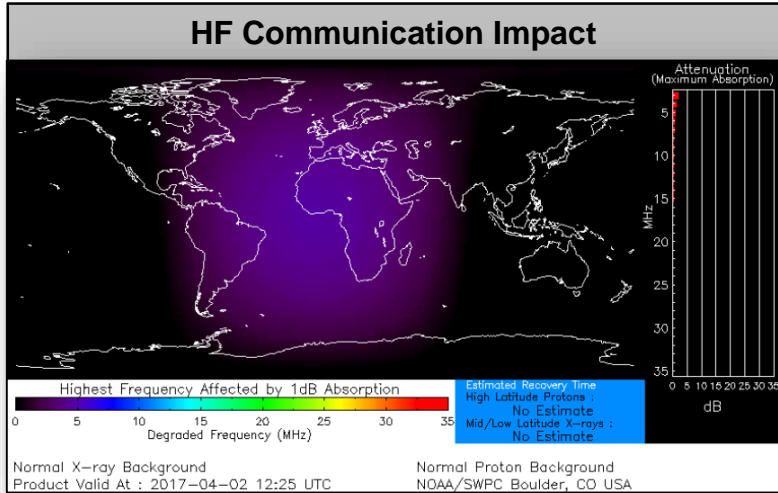
Space Weather



FEMA

	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



FEMA

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

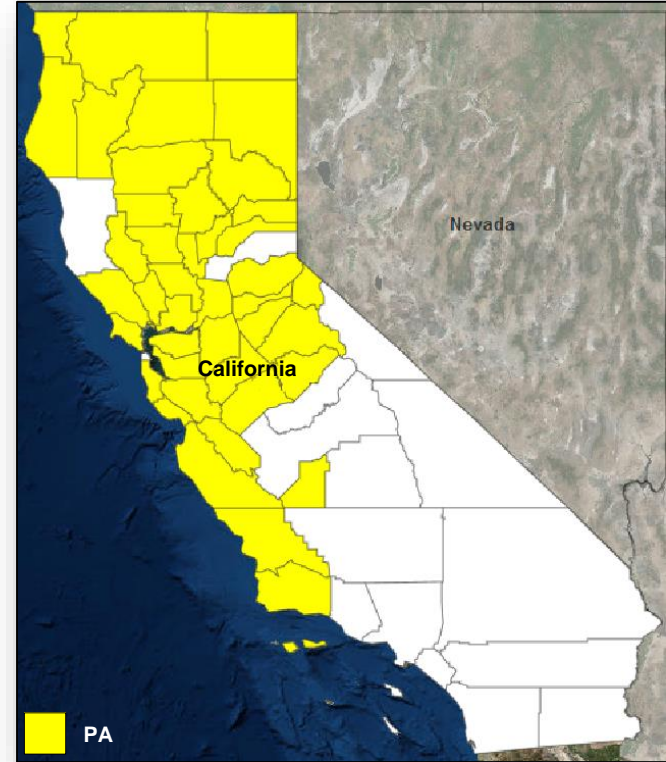
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	1	0
OR – DR Severe Winter Storms, Flooding, Landslides, and Mudslides	March 9, 2017		
CA – DR Severe Winter Storms, Flooding, and Mudslides	March 19, 2017	Declared April 1, 2017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

Declaration Approved



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



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*		<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%; border: 1px solid black; padding: 2px;"> 4303-DR-NV JFO: Carson City, NV FCO: Rosalyn L. Cole R-IX-1 IMAT (JFO) </div> <div style="width: 33%; border: 1px solid black; padding: 2px;"> 4296-DR-OR VJO: Bothell, WA FCO: Dolph A. Dlemont </div> <div style="width: 33%; border: 1px solid black; padding: 2px;"> 4306-DR-WY JFO: TBD FCO: Nancy M. Casper </div> <div style="width: 33%; border: 1px solid black; padding: 2px;"> 4287-DR-KS Closing 04/7/2017 4304-DR-MS VJFO: Kansas City, MO FCO: Michael L. Parker </div> <div style="width: 33%; border: 1px solid black; padding: 2px;"> 4281-DR-IA 4289-DR-IA JFO: Windsor Heights, IA FCO: James N. Russo </div> </div>	<div style="border: 1px solid black; padding: 2px;"> Field Offices ★ JFOs: 11 DRs: 21 EMs: 0 Deployed Teams </div>	
	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.