

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.

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When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.



# FEMA

## **Daily Operations Briefing**

**Friday, February 17, 2017**

**8:30 a.m. EST**

# Significant Activity – Feb 16-17



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## **Significant Events:**

- Oroville Dam Emergency Spillway Erosion – CA

## **Significant Weather:**

- Flash flooding possible – central to southern CA
- Heavy snow possible – portions of CA, Central Great Basin, Northern Intermountain
- Rain and snow – Pacific Northwest to Rockies, Central Great Basin, Southwest and southern CA
- Rain and thunderstorms – Southern Plains to Southeast
- Rain – Pacific Northwest to southern CA; Lower Mississippi Valley to Tennessee Valley and Southeast
- Critical/elevated fire weather – Southern Plains
- Red Flag Warnings – NM & TX
- Space Weather: Past 24 hours – none observed; next 24 hours – none expected

**Tropical Activity:** No activity affecting U.S. interests

**Earthquake Activity:** No significant activity

**Declaration Activity:** None

# Oroville Dam Spillway Erosion – CA



## Current Situation

- California Department of Water Resources (DWR) continues to regulate outflow, reduce water levels, and support repair activities at Oroville Dam
- **Lake level is 862.15 (-8.86) feet as of 6:00 am EST**; target is 850 feet by February 18
- Current releases remain within capacity of downstream channels
- **Additional storm systems forecast to impact CA next several days but there is no anticipated need to increase outflow of spillway**

## Impacts

- Evacuation advisories remain in effect
- **4 shelters (-7) open with 429 (+106) occupants** (FEMA Region IX, 7:00 am)

## State/Local Response

- CA SEOC at Full Activation; Governor declared State of Emergency

## Federal Response

- Emergency Declaration (3381-EM-CA) approved on February 14
- FEMA Region IX RRCC at Level II, with select ESFs for day shift; **RWC returned to Watch/Steady State, 24/7**
- FEMA Region IX IMAT-2 deployed to CA OES SOC
- ISB personnel deployed to FSA/ISB at Travis Air Force Base
- FEMA Region IX LNOs deployed to DWR and CA OES SOC
- **National IMAT-East 1 deployed to CA**
- FEMA NWC at Enhanced Watch, 24/7



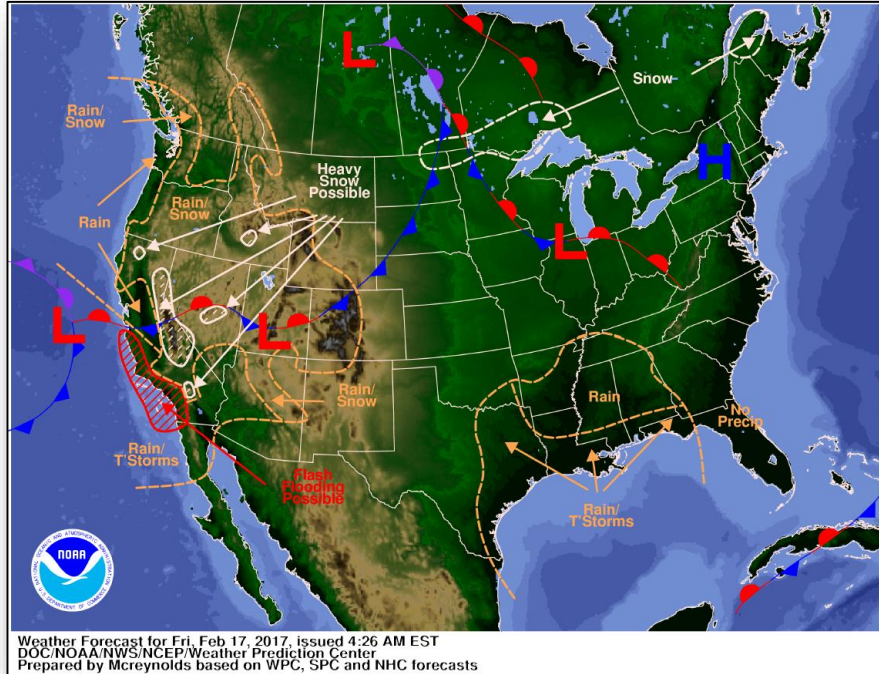
Photo source: NWS Sacramento

Date / Time (PST)	RESELE FEET	STORAGE AF	OUTFLOW CFS	INFLOW CFS	RIV REL CFS	RAIN INCHES	BAT VOL
02/16/2017 17:00	865.49	3021582	79973	26395	95648	35.28	13.4
02/16/2017 18:00	865.16	3016924	80125	26986	94799	35.28	13.5
02/16/2017 19:00	864.99	3014527	79983	36707	94717	35.28	13.5
02/16/2017 20:00	864.59	3008892	79979	31650	94006	35.28	13.5
02/16/2017 21:00	864.34	3005373	80020	24759	93823	35.28	13.4
02/16/2017 22:00	864.00	3000592	80012	29906	93628	35.28	13.5
02/16/2017 23:00	863.65	2995676	79995	21448	93144	35.28	13.4
02/17/2017 00:00	863.37	2991747	80054	26455	93537	35.28	13.4
02/17/2017 01:00	863.02	2986842	79673	26965	93772	35.28	13.5
02/17/2017 02:00	862.77	2983341	79907	29501	93386	35.28	13.4
02/17/2017 03:00	862.42	2978445	79859	29346	93326	35.28	13.4
02/17/2017 04:00	862.15	2974672	79979	28044	93555	35.36	13.4

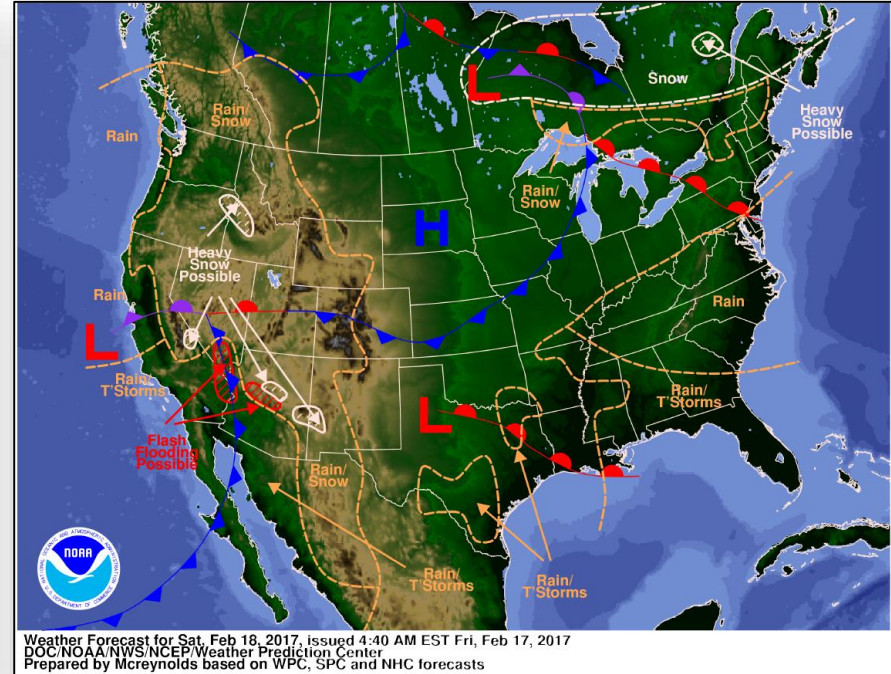
# National Weather Forecast



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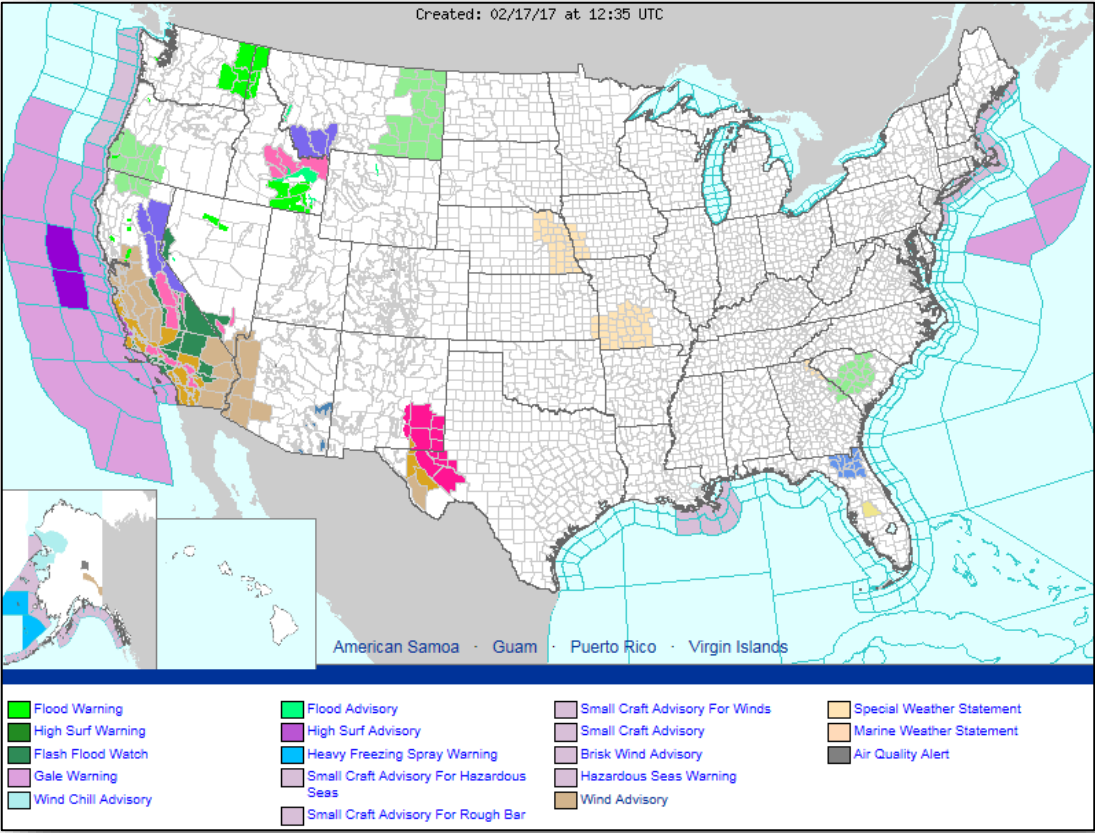


*Today*



*Tomorrow*

# Active Watches and Warnings

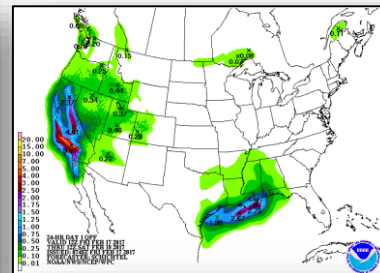
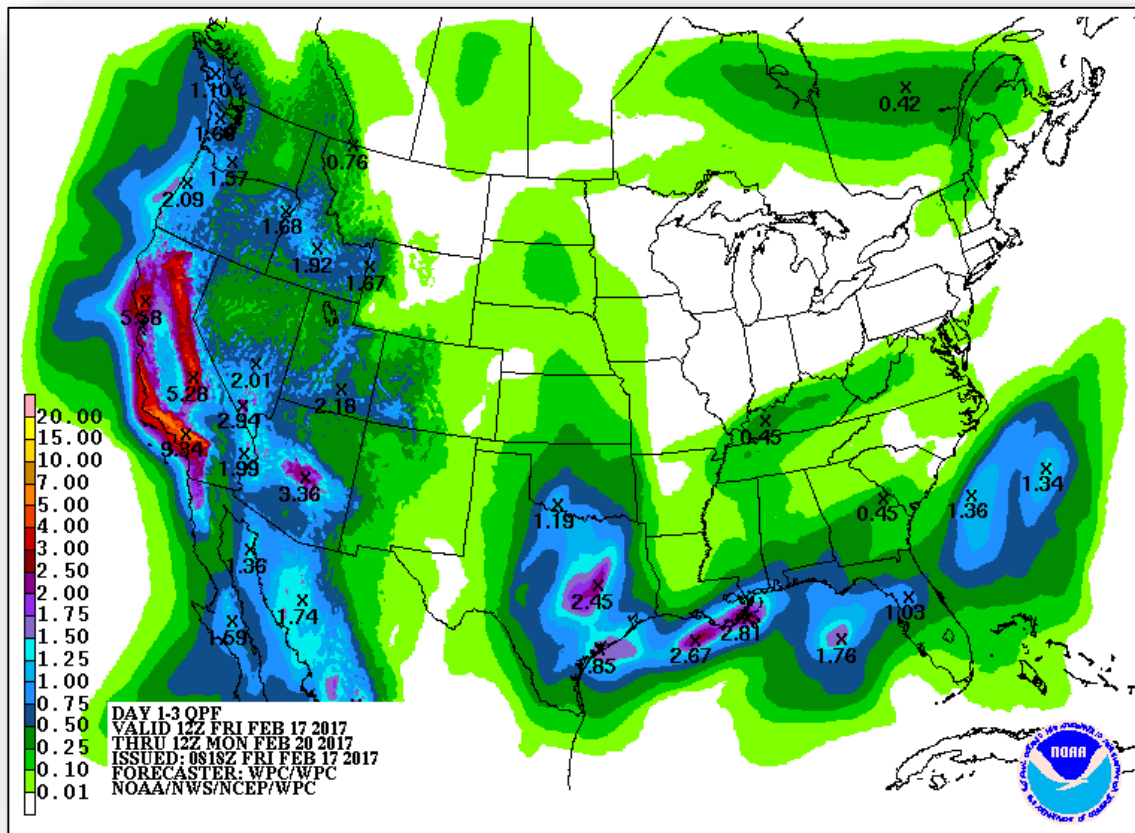




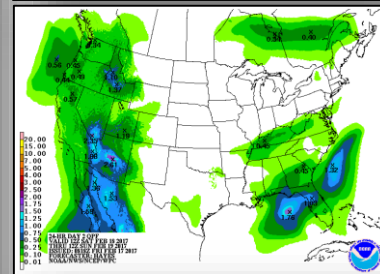
# Precipitation Forecast – Days 1-3



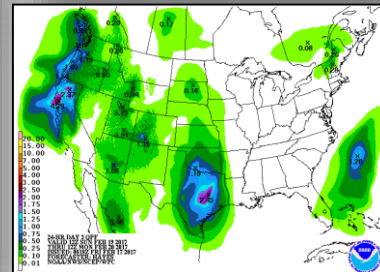
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Day 1



Day 2

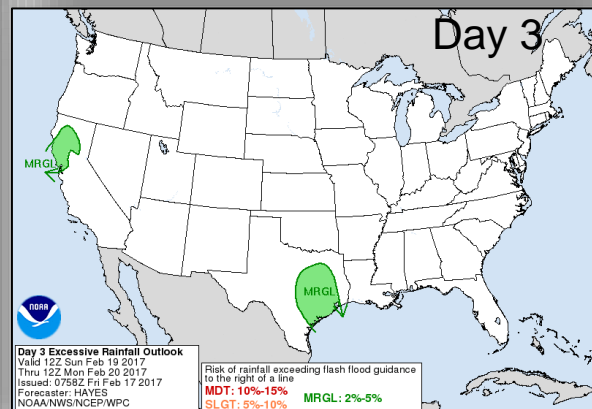
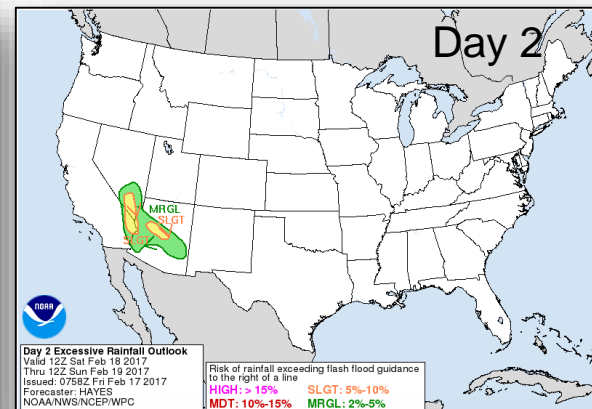
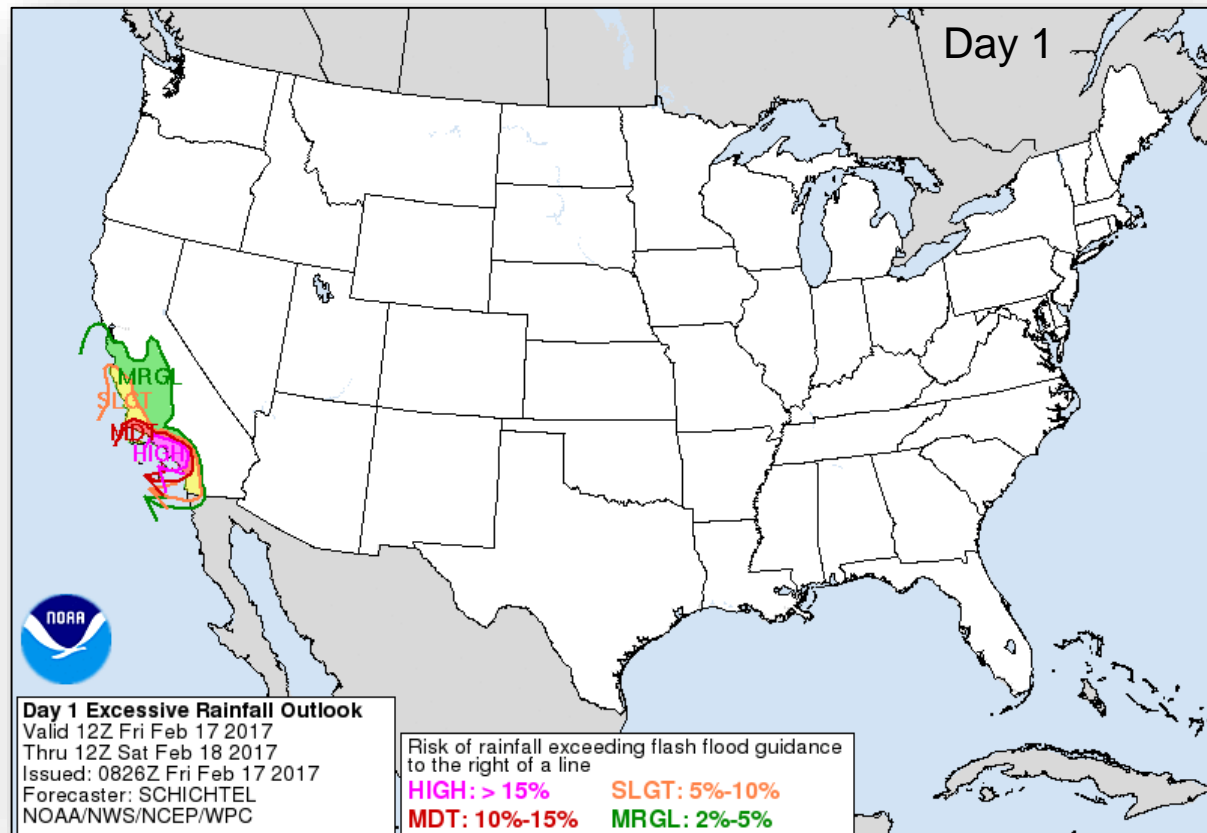


Day 3

# Flash Flood Potential



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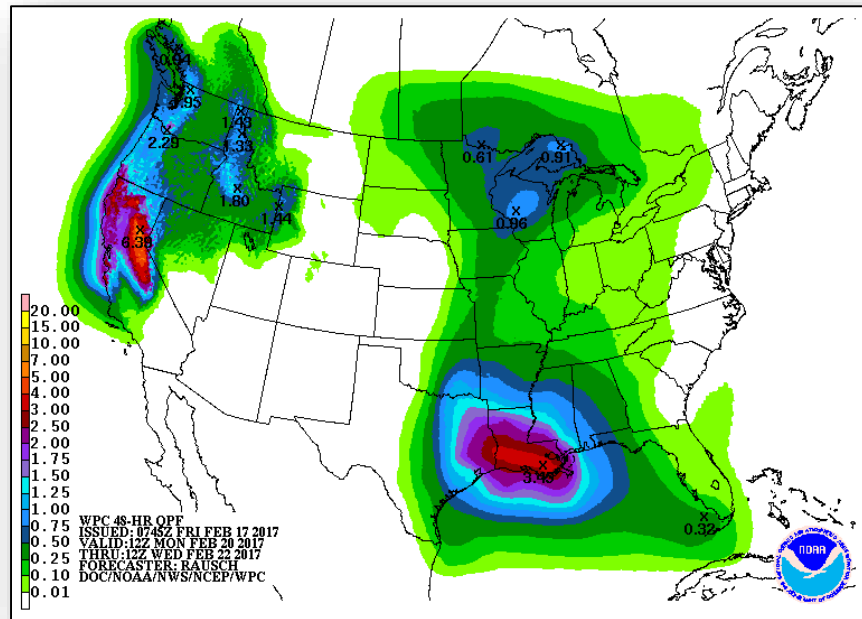




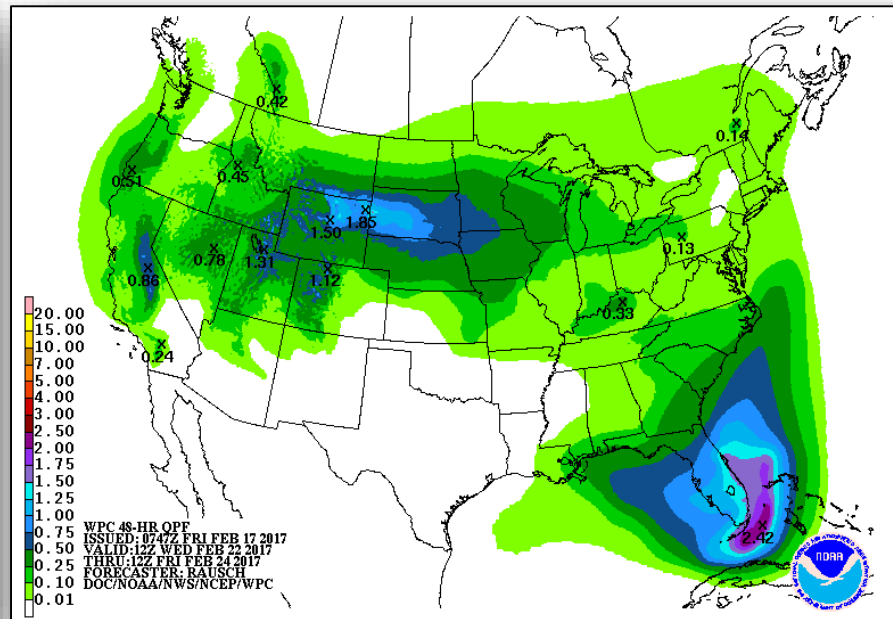
# Precipitation Forecast – Days 4-7



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Days 4-5

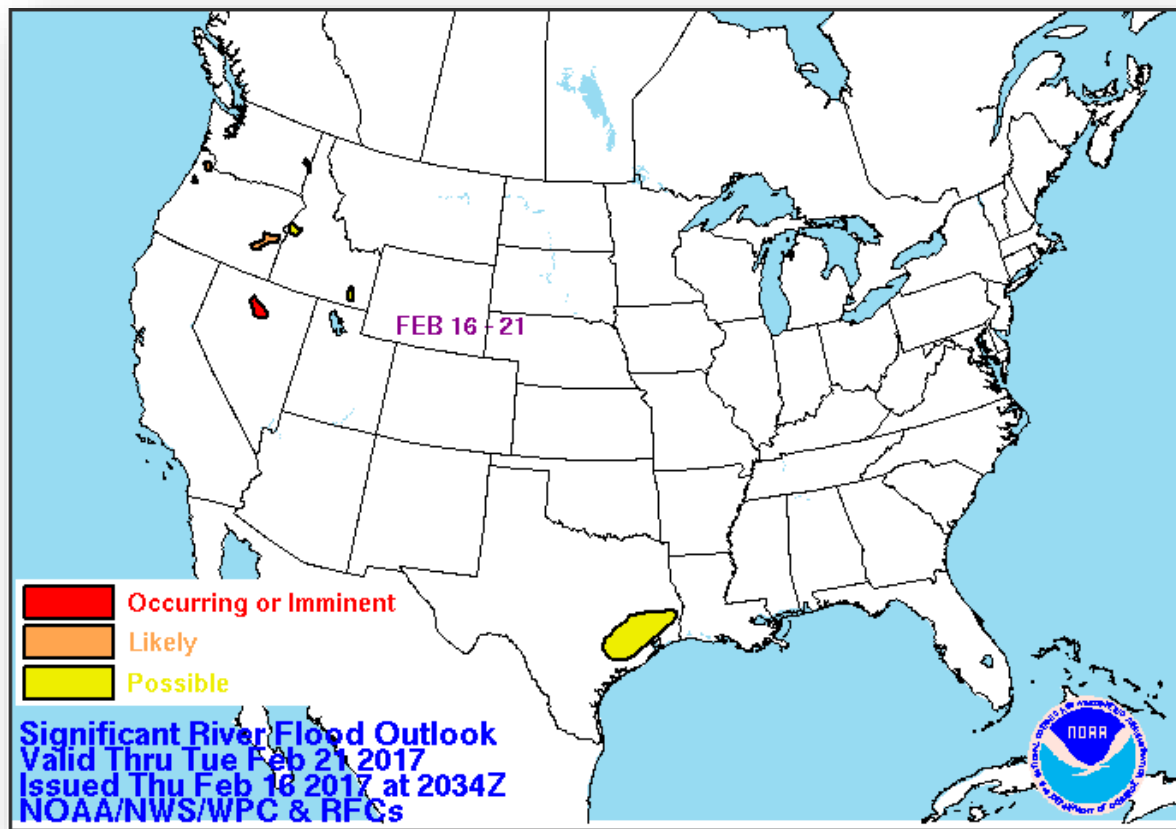


Days 6-7

# Significant River Outlook



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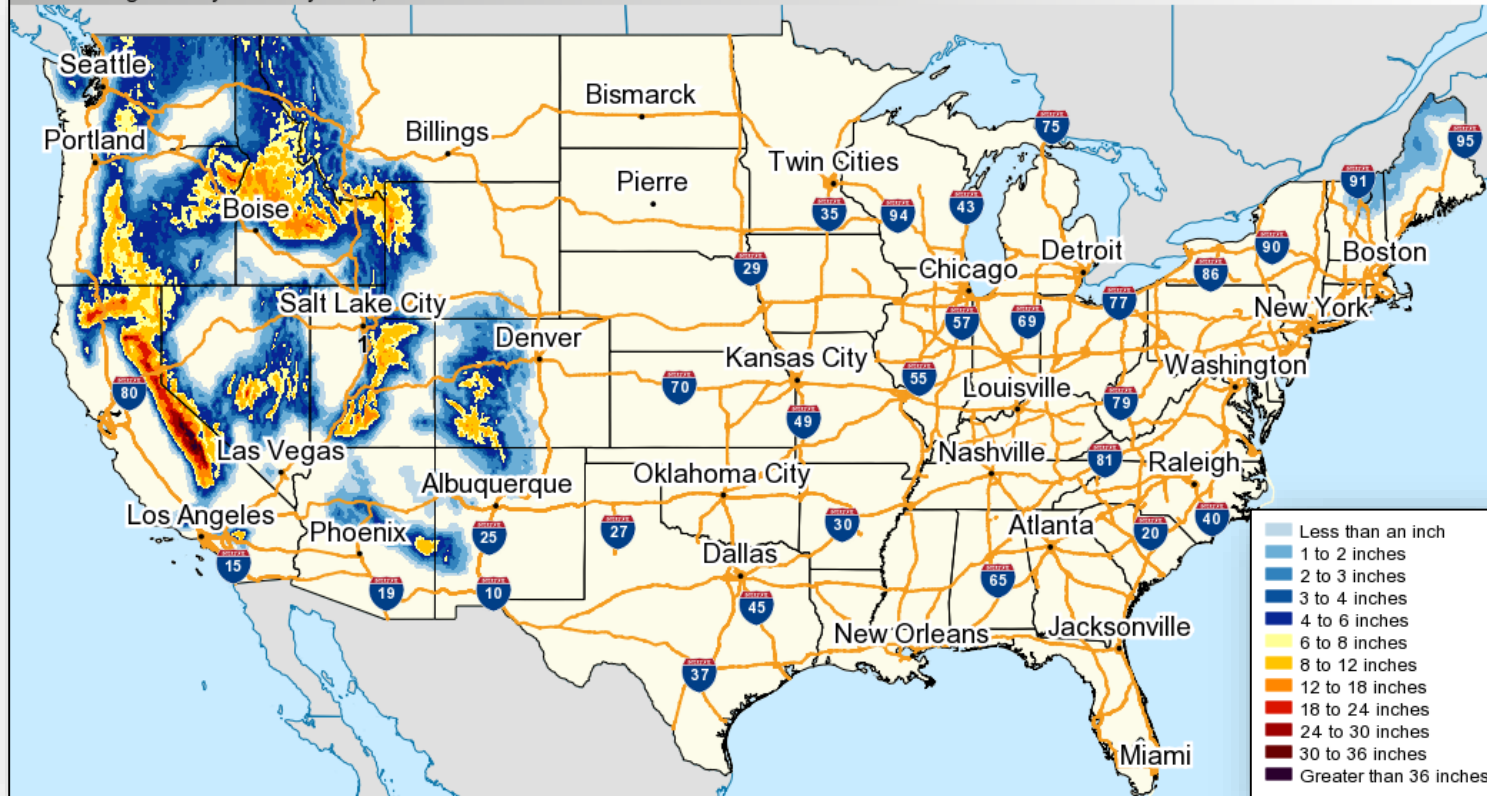


# Forecast Snowfall – Days 1-3



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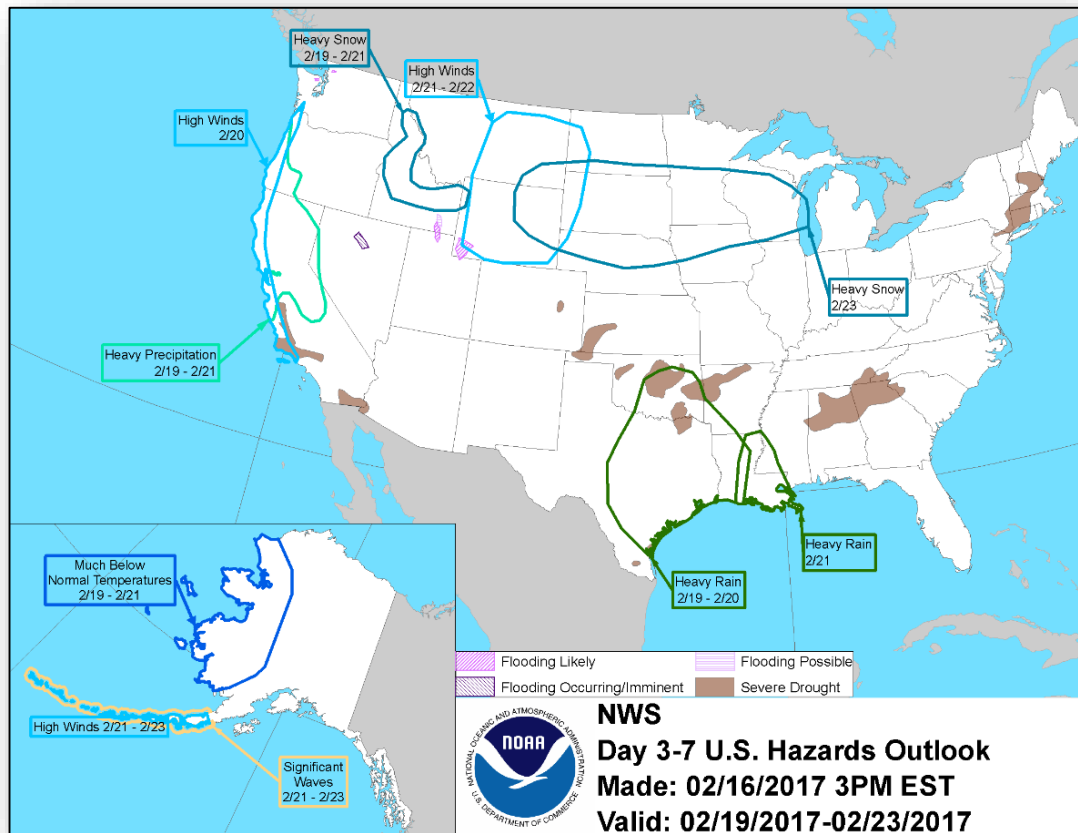
Valid Ending Monday February 20th, 2017 at 7 AM EST



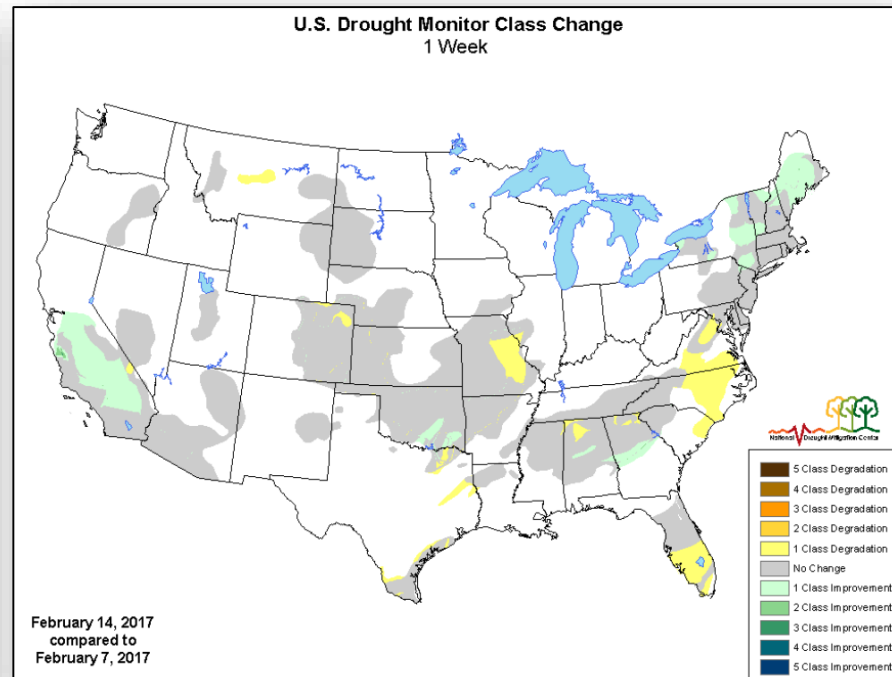
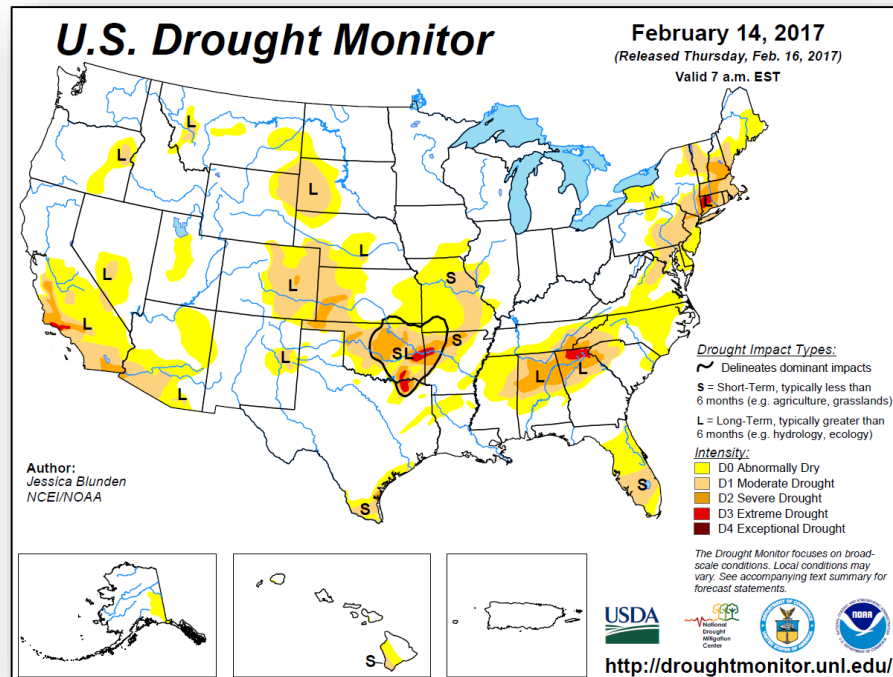
# Hazards Outlook – Feb 19-23



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# U.S. Drought Monitor



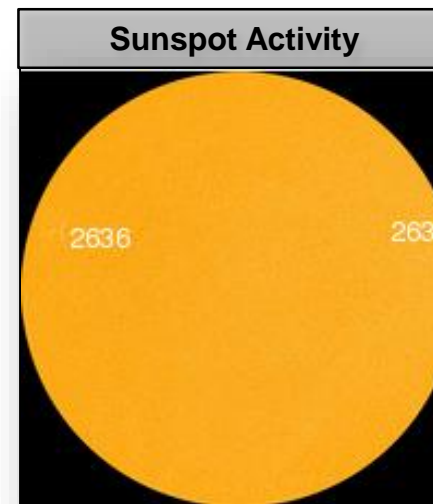
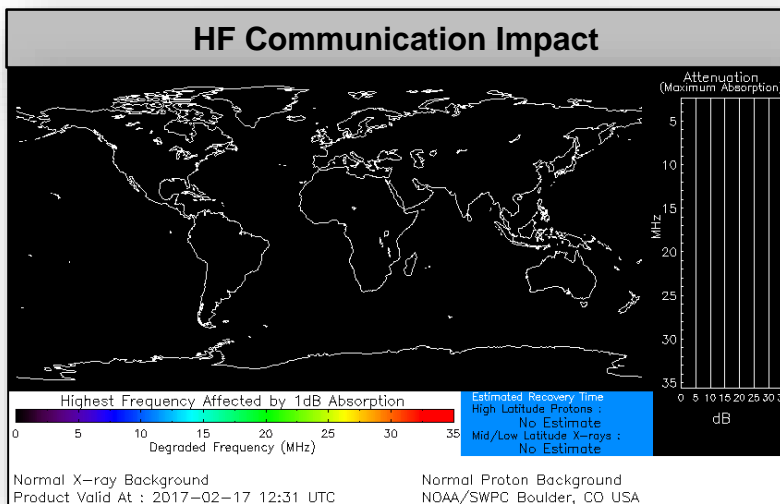


# Space Weather

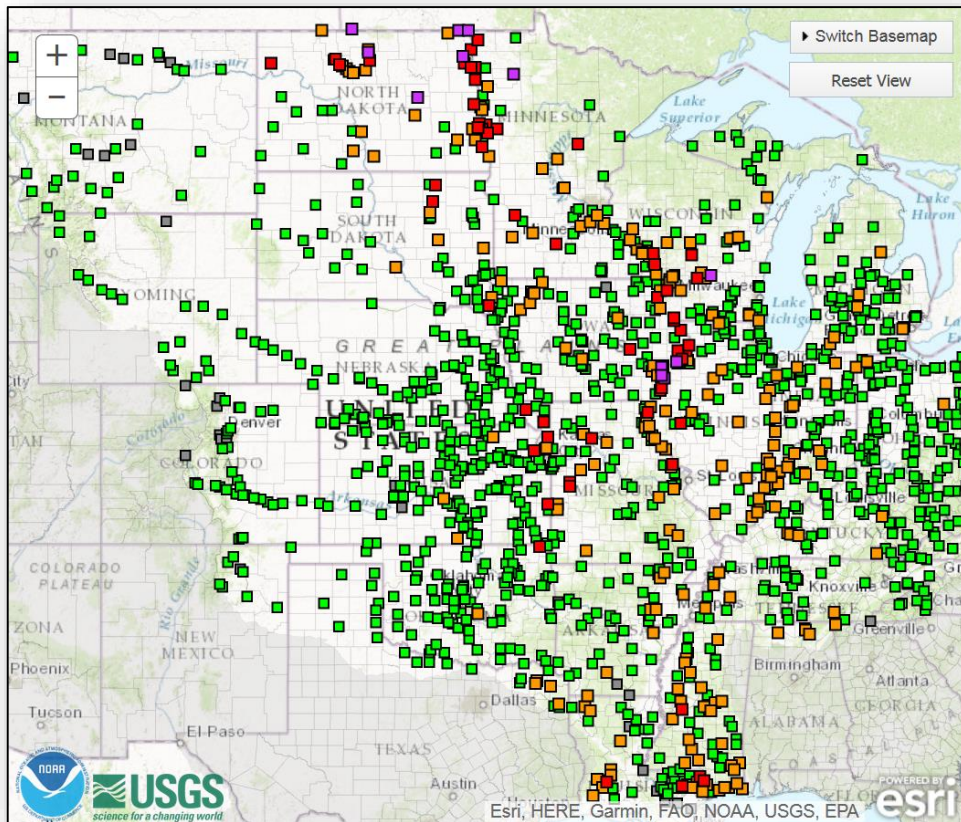


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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	Minor	None	None	None
For further information on NOAA Space Weather Scales refer to <a href="http://www.swpc.noaa.gov/noaa-scales-explanation">http://www.swpc.noaa.gov/noaa-scales-explanati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



# NWS Long-Range River Flood Risk



(As of February 16, 2017)

## Chance of Flooding for Mar-Apr-May Period

- <50% Long-Range Flood Risk
- >50% Minor Long-Range Flood Risk
- >50% Moderate Long-Range Flood Risk
- >50% Major Long-Range Flood Risk

## 2017 Flood Outlook Highlights

- Spring flood risk is considered above normal for the Red River of the North and Souris basins
- Near to slightly above normal spring flood risk is forecast in the Upper Mississippi and Upper Missouri basins
- Near or slightly below normal flood risk is expected in the remainder of the Mississippi and Great Lakes basins

# Joint Preliminary Damage Assessments



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Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
X	Idaho	Severe Winter Weather December 22, 2016 – January 19, 2017	IA	2	2	2/8 – 2/10
			PA	4	4	2/8 – 2/16
	Oregon	Severe Winter Weather January 8 – 20, 2017	IA	0	0	N/A
			PA	12	0	2/27 – TBD

# Disaster Requests & Declarations



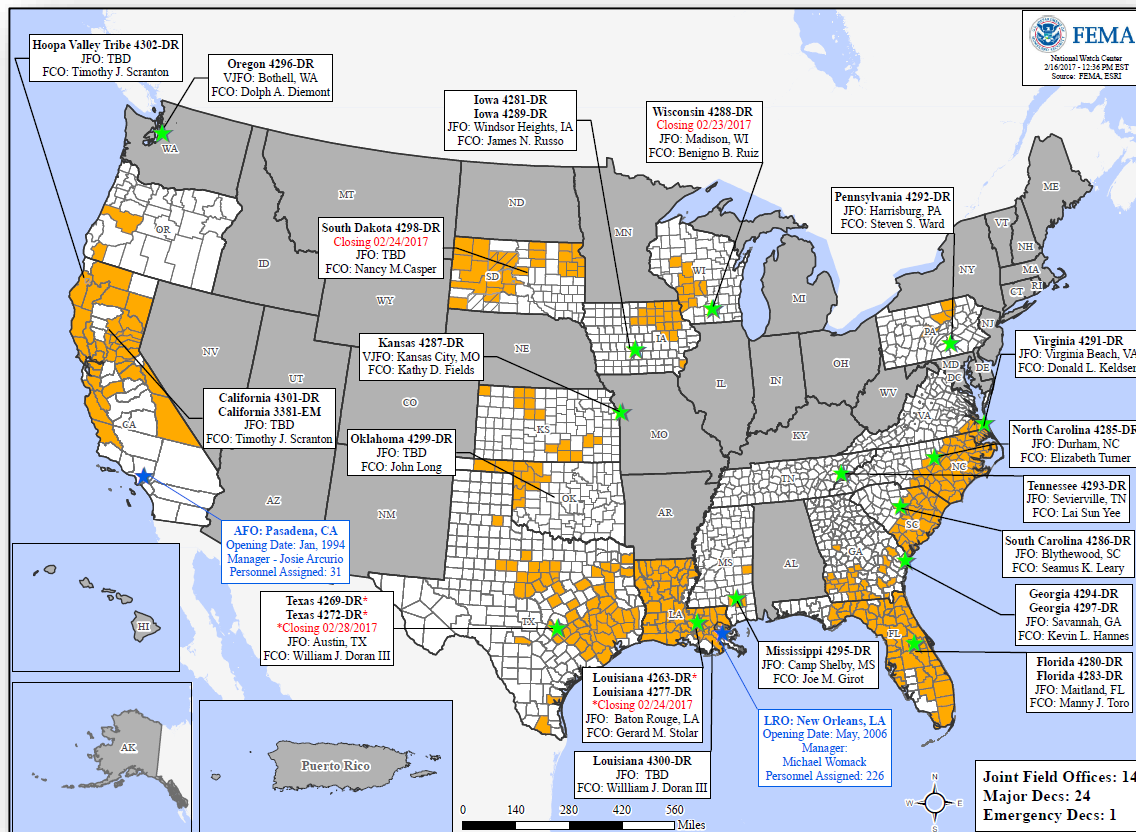
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Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
3	Date Requested	0	0
Lake Traverse Reservation, Sisseton-Wahpeton Oyate Tribe – DR Severe Winter Storm	January 25, 2017		
NV – DR Severe Winter Storms, Flooding & Mudslides	February 10, 2017		
KS – DR Severe Winter Storm	February 13, 2017		

# Open Field Offices



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# Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available		Deployed	Other	Cadres with less than 25% availability
Total Workforce	10,172	5,346	52%	3,405	1,421	None

Resource	Status	Total	FMC Available	Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Status Criteria																				
National IMAT		3	0	0	1	2	East-1 to CA (Oroville Dam Spillway Erosion) East-2 reconstituting through 2/28 West to GA (DR-4294, DR-4297)	Green: >3 Teams Available Yellow: 1 - 2 Teams Available Red: 0 Teams Available  <i>N-IMAT red if 50% of Section Chiefs or Team Leader unavailable for deployment</i>																				
Regional IMAT		13	8	0	0	5	<b>Deployed:</b> Region IV-2 to MS (DR-4295) Region VI-2 to LA (DR-4300) Region VIII to SD/CO (DR-4298) Region IX-2 to CA (EM-3381) Region X to WA (DR-4296)	Green > 6 Teams Available Yellow: 4 - 6 Teams Available Red: 0 - 4 Teams Available  <i>R-IMAT also red if TL or Ops / Log Chief is unavailable &amp; has no qualified replacement</i>																				
FCO		35	5	0	4	26		OCD Readiness <table><tr><td>FCO</td><td>Green</td><td>Yellow</td><td>Red</td></tr><tr><td>Type 1</td><td>3+</td><td>2</td><td>1</td></tr><tr><td>Type 2</td><td>4+</td><td>3</td><td>2</td></tr><tr><td>Type 3</td><td>4+</td><td>3</td><td>2</td></tr><tr><td>FDRC</td><td>3</td><td>2</td><td>1</td></tr></table>	FCO	Green	Yellow	Red	Type 1	3+	2	1	Type 2	4+	3	2	Type 3	4+	3	2	FDRC	3	2	1
FCO	Green	Yellow	Red																									
Type 1	3+	2	1																									
Type 2	4+	3	2																									
Type 3	4+	3	2																									
FDRC	3	2	1																									
FDRC		11	5	0	2	4																						
US&R		28	28	0	0	0		Green: >66% Available Yellow: 33% - 66% Available Red: <33% Available																				
MERS		36	28	0	6	2	<b>Assets are supporting:</b> LA: DR-4300 CA: EM-3381 (ISB support Oroville Dam) CA: DR-4301	Green: >66% Available Yellow: 33% - 66% Available Red: <33% Available																				

# Readiness – Activation Teams



Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Activated		Enhanced Watch	24/7	Oroville, CA Dam Emergency Spillway Erosion
NRCC		2	Not Activated				
HLT		1	Not Activated				Deactivated for the Season
RWCs/MOCs		10	Not Activated	Region IX	Returned to Watch/Steady State, 24/7		
RRCCs		10	Activated	Region IX	Level II	Day shift 10:00 am-10:00 pm EST	Oroville, CA Dam Emergency Spillway Erosion

Back-up Regions (Feb 13-19): II & V



# 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.**

