

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

Monday, February 20, 2017

8:30 a.m. EST

Significant Activity – Feb 19-20



Significant Events:

- Oroville Dam Emergency Spillway Erosion – CA

Significant Weather:

- Flash flooding possible – northern/central CA; south TX
- Heavy snow possible – Northern Intermountain; Northern/Central Rockies, northern CA to Sierras
- Freezing Rain – Great Lakes
- Rain and snow – Northern Intermountain to Northern Rockies, northern/central CA and Central Great Basin
- Rain and thunderstorms – southern to northern CA; Northern to Southern Plains, Upper to Lower Mississippi Valley and Great Lakes
- Red Flag Warnings – KS, CO & NE
- Elevated fire weather – TX, OK, KS, NE & CO
- 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: Major Disaster Declaration (FEMA-4303-DR-NV) approved for Nevada

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
- **Current lake level is 849.70 (-3.59) feet as of 6:00 a.m. EST; 50 feet below the emergency spillway**
- Current releases remain within capacity of downstream channels
- Additional storm systems forecast to impact CA next couple of days, but no anticipated need to increase outflow of spillway
- **No signs of pollution; however, debris was observed downstream in San Francisco Bay**

Impacts

- Severe erosion of the Oroville Dam emergency spillway; no reported flooding related to this incident

State/Local Response

- CA EOC at Full Activation; Governor declared State of Emergency
- Evacuation advisories remain in effect for Butte, Sutter, and Yuba counties
- **3 shelters open with 256 occupants** (*ARC Midnight Shelter Count as of 4:31 am EST*)
- Assessments of the emergency and primary spillway are ongoing

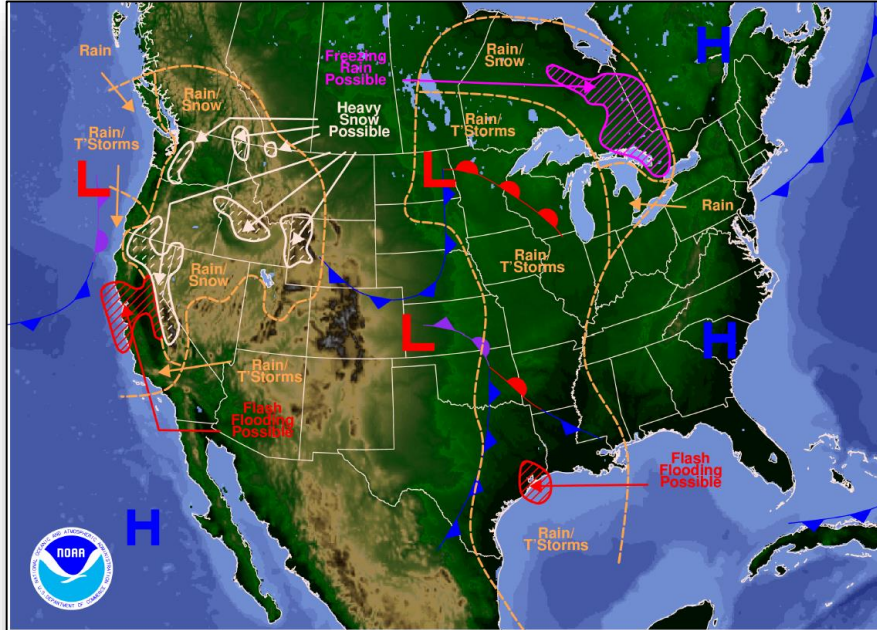
Federal Response

- Emergency Declaration (3381-EM-CA) approved on February 14
- FEMA Region IX RWC at Enhanced Watch, 24/7
- FEMA Region IX IMAT-2 deployed to CA OES SOC; LNOs deployed to DWR and CA OES SOC
- Staging Area personnel deployed to Travis Air Force Base
- National IMAT-East 1 deployed to CA
- FEMA NWC at Watch/Steady State

National Weather Forecast

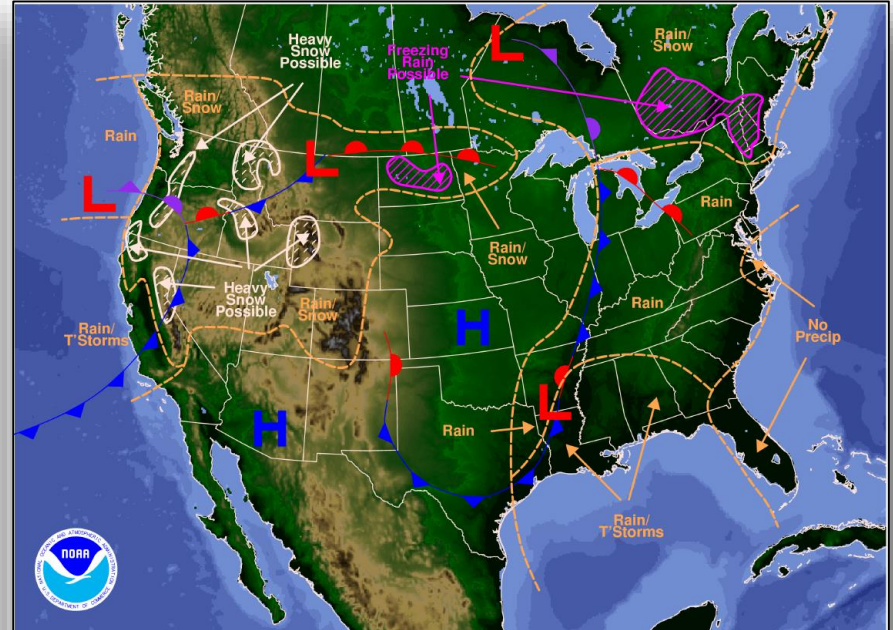


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Weather Forecast for Mon, Feb 20, 2017, issued 4:11 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Today



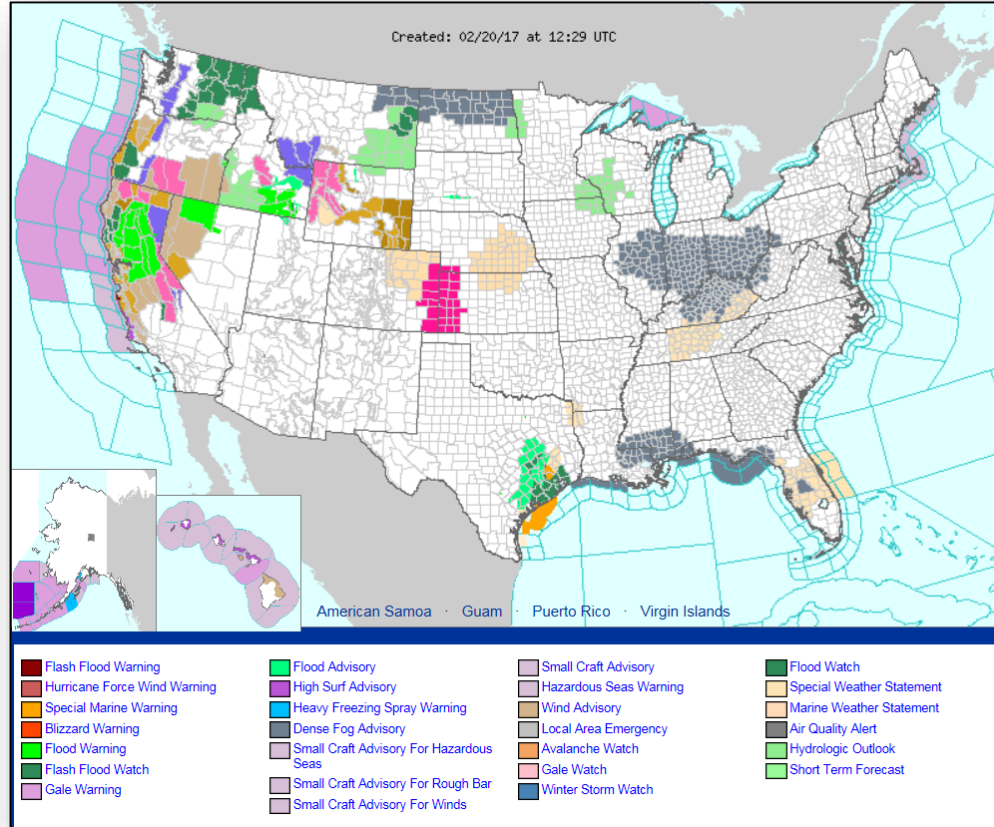
Weather Forecast for Tue, Feb 21, 2017, issued 4:34 AM EST Mon, Feb 20, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Tomorrow

Active Watches and Warnings



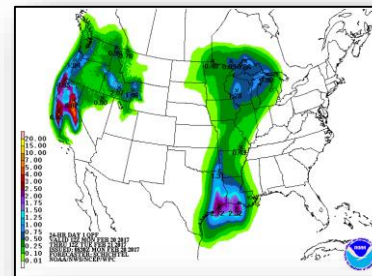
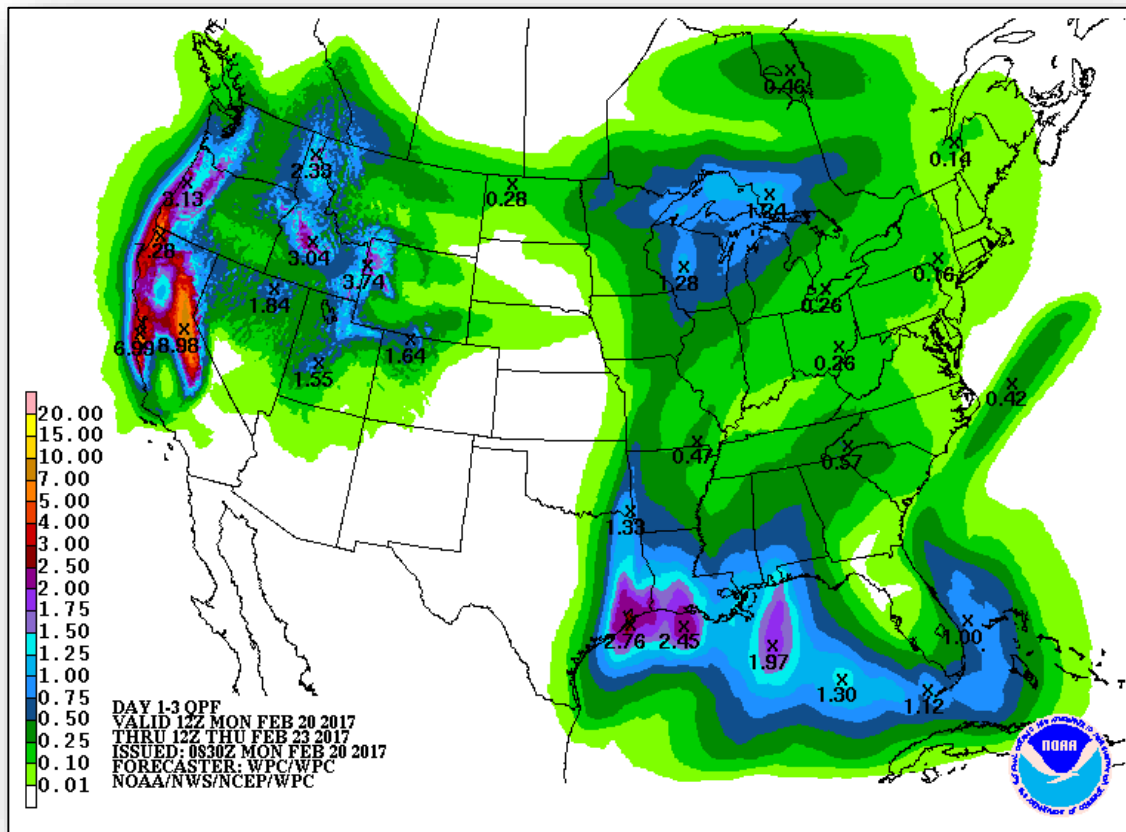
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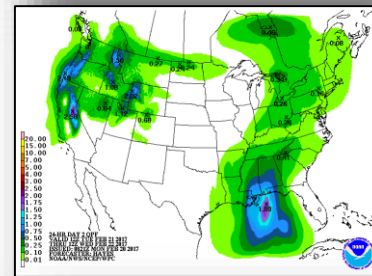
Precipitation Forecast – Days 1-3



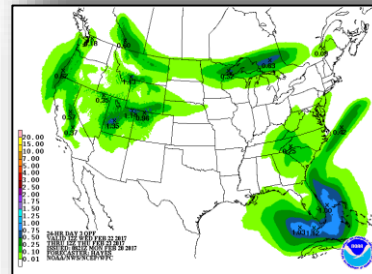
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Day 1



Day 2

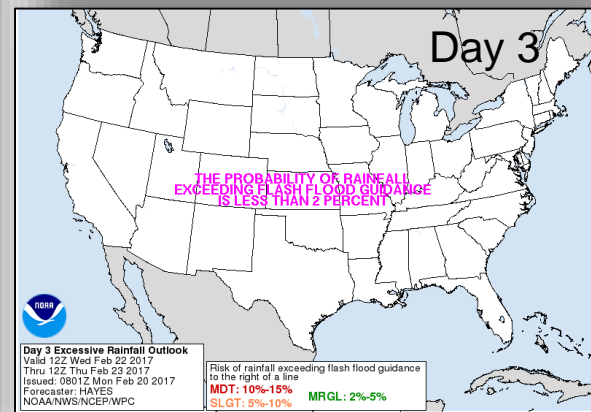
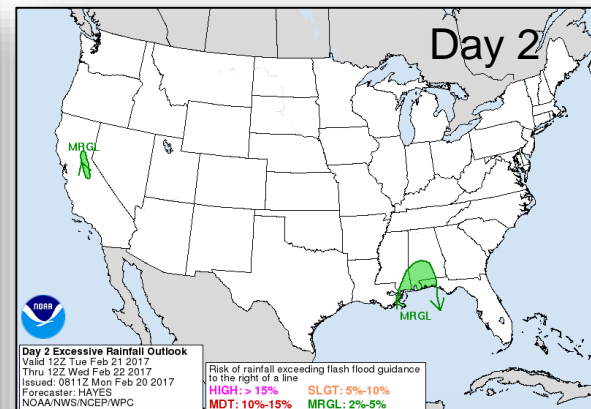
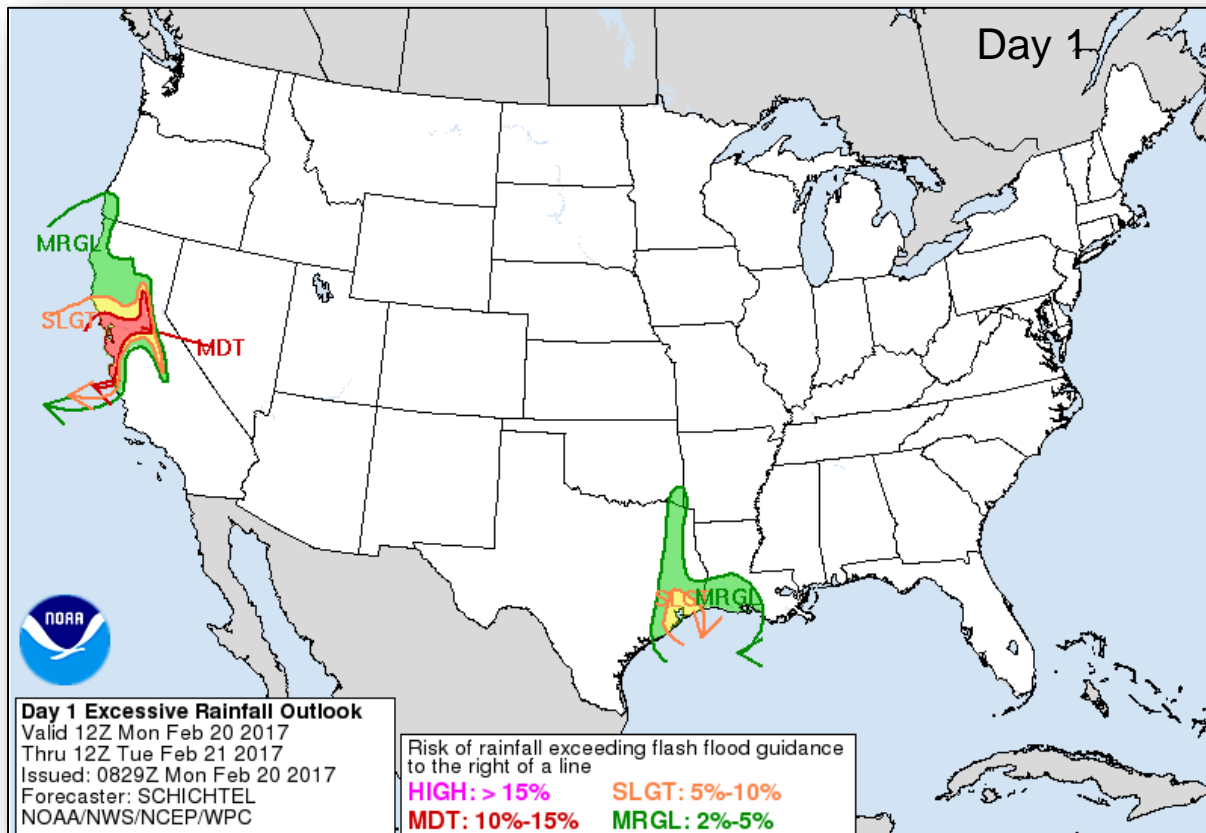


Day 3

Flash Flood Potential



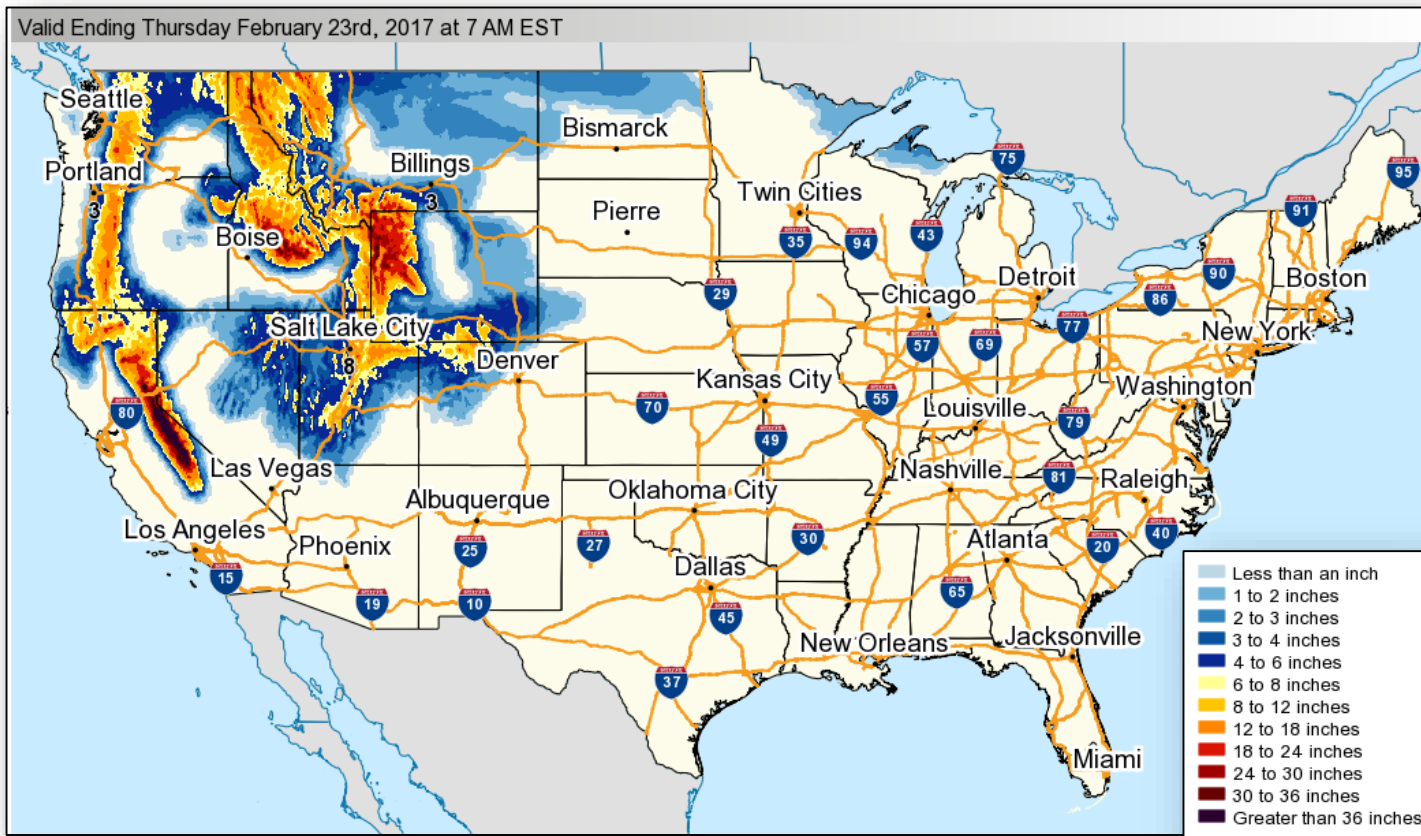
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Forecast Snowfall – Days 1-3



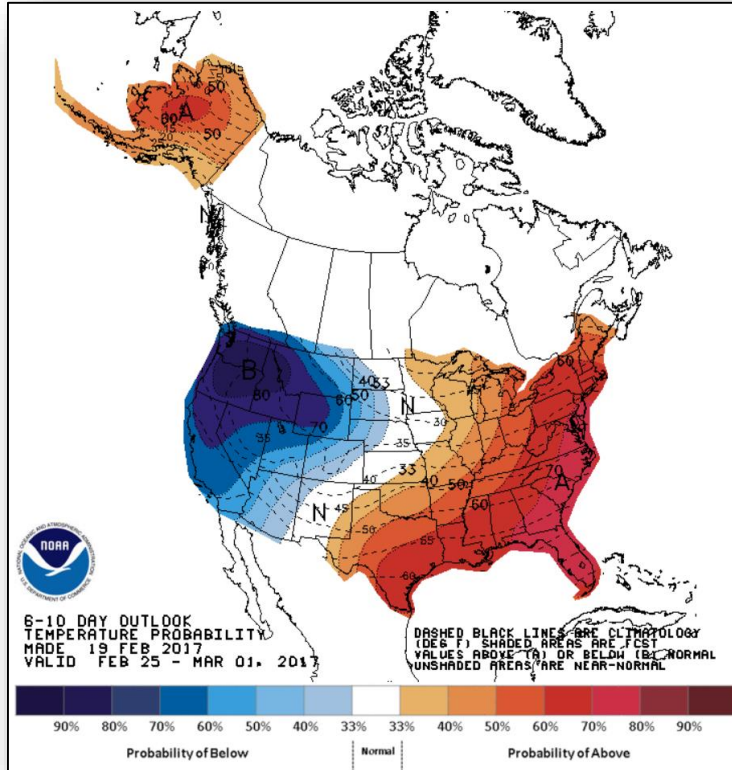
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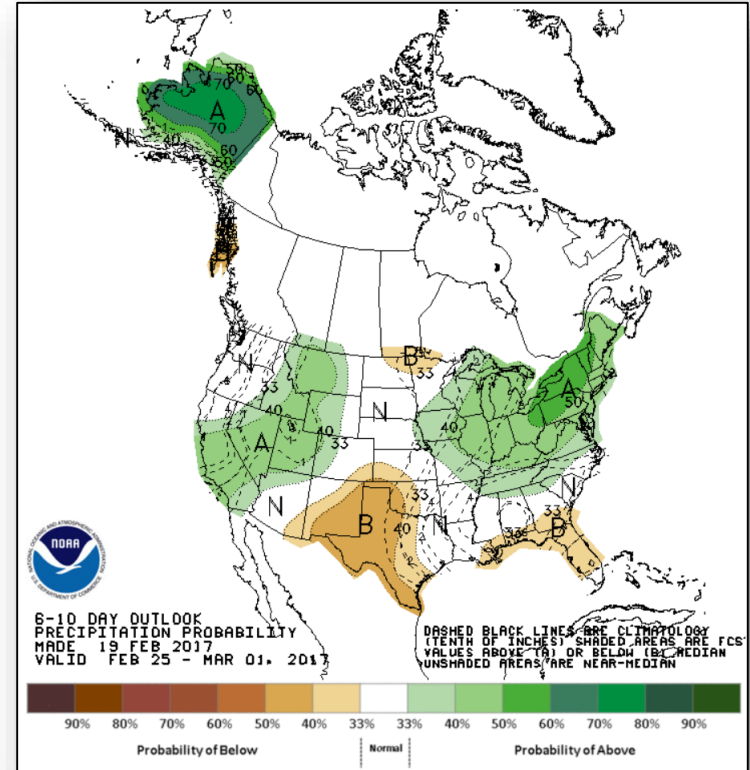
6-10 Day Outlooks



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6-10 Day Temperature Probability



6-10 Day Precipitation Probability

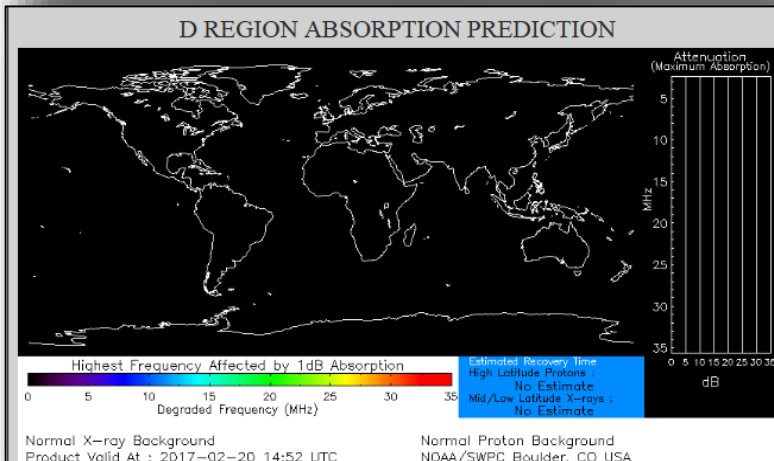
Space Weather



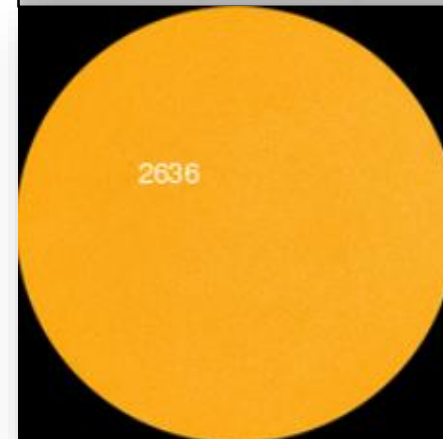
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| | Space Weather Activity | Geomagnetic Storms | Solar Radiation | Radio Blackouts |
|---|------------------------|--------------------|-----------------|-----------------|
| Past 24 Hours | None | None | None | None |
| Next 24 Hours | Minor | G1 | None | None |
| For further information on NOAA Space Weather Scales refer to http://www.swpc.noaa.gov/noaa-scales-explanation | | | | |

HF Communication Impact



Sunspot Activity





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Joint Preliminary Damage Assessments

| Region | State / Location | Event | IA/PA | Number of Counties | | Start – End |
|--------|------------------|---|-------|--------------------|-----------|-------------|
| | | | | Requested | Completed | |
| X | Oregon | Severe Winter Weather January 8 – 20, 2017 | IA | 0 | 0 | N/A |
| | | | PA | 12 | 0 | 2/27 – TBD |

Disaster Requests & Declarations



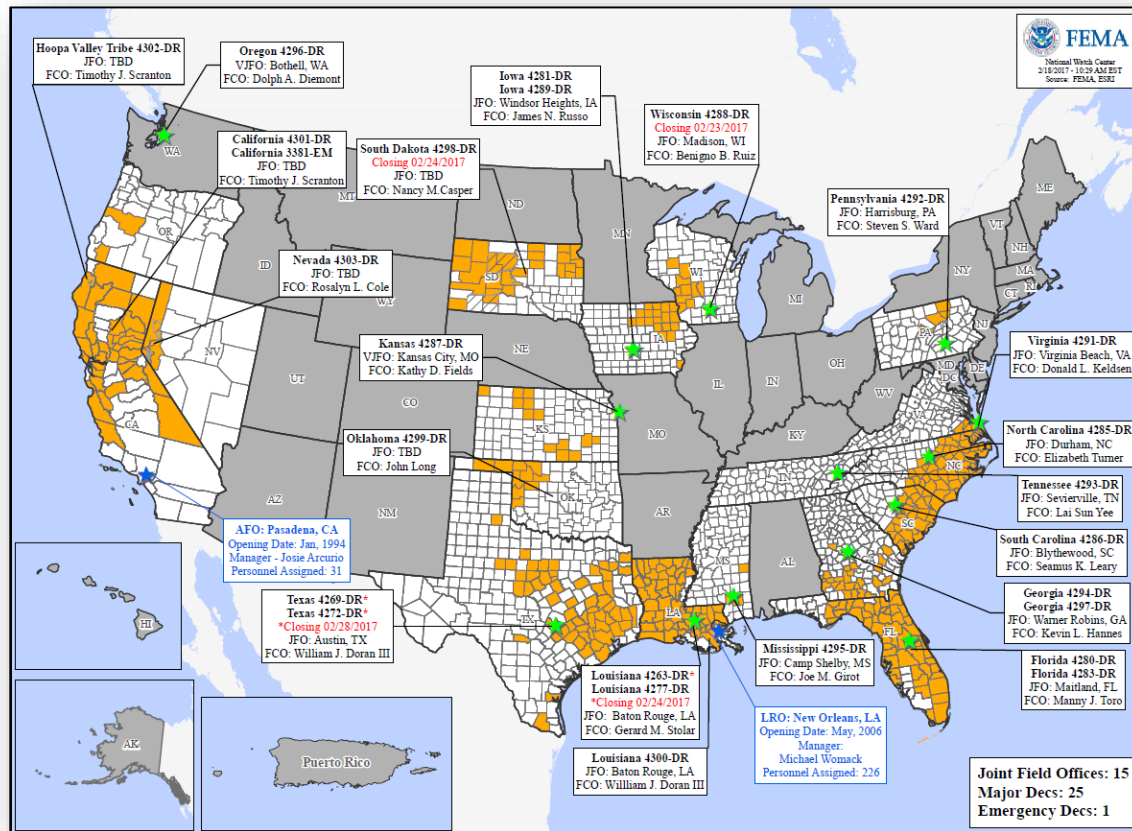
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| Declaration Requests in Process | | Requests APPROVED (since last report) | Requests DENIED (since last report) |
|--|-------------------|--|--|
| 2 | Date Requested | 1 | 0 |
| Lake Traverse Reservation, Sisseton-Wahpeton Oyate Tribe – DR Severe Winter Storm | January 25, 2017 | | |
| NV – DR Severe Winter Storms, Flooding & Mudslides | February 10, 2017 | Declared February 17, 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 | Deployed: 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 & has no qualified replacement</i> | | | | | | | | | | | | | | | | | | | | |
| FCO | | 35 | 5 | 0 | 4 | 26 | | OCD Readiness <table><tr><th>FCO</th><th>Green</th><th>Yellow</th><th>Red</th></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>FDRRC</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 | FDRRC | 3 | 2 | 1 |
| FCO | Green | Yellow | Red | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type 1 | 3+ | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type 2 | 4+ | 3 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type 3 | 4+ | 3 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDRRC | 3 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDRRC | | 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 | Assets are supporting: 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 | Not Activated | | Watch / Steady State | | |
| NRCC | | 2 | Not Activated | | | | |
| HLT | | 1 | Not Activated | | | | Deactivated for the Season |
| RWCs/MOCs | | 10 | Activated | Region IX | Enhanced Watch | 24 hour operations | Oroville, CA Dam Emergency Spillway Erosion |
| RRCCs | | 10 | Not Activated | | | | |

Back-up Regions (Feb 20-26): II & V



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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.