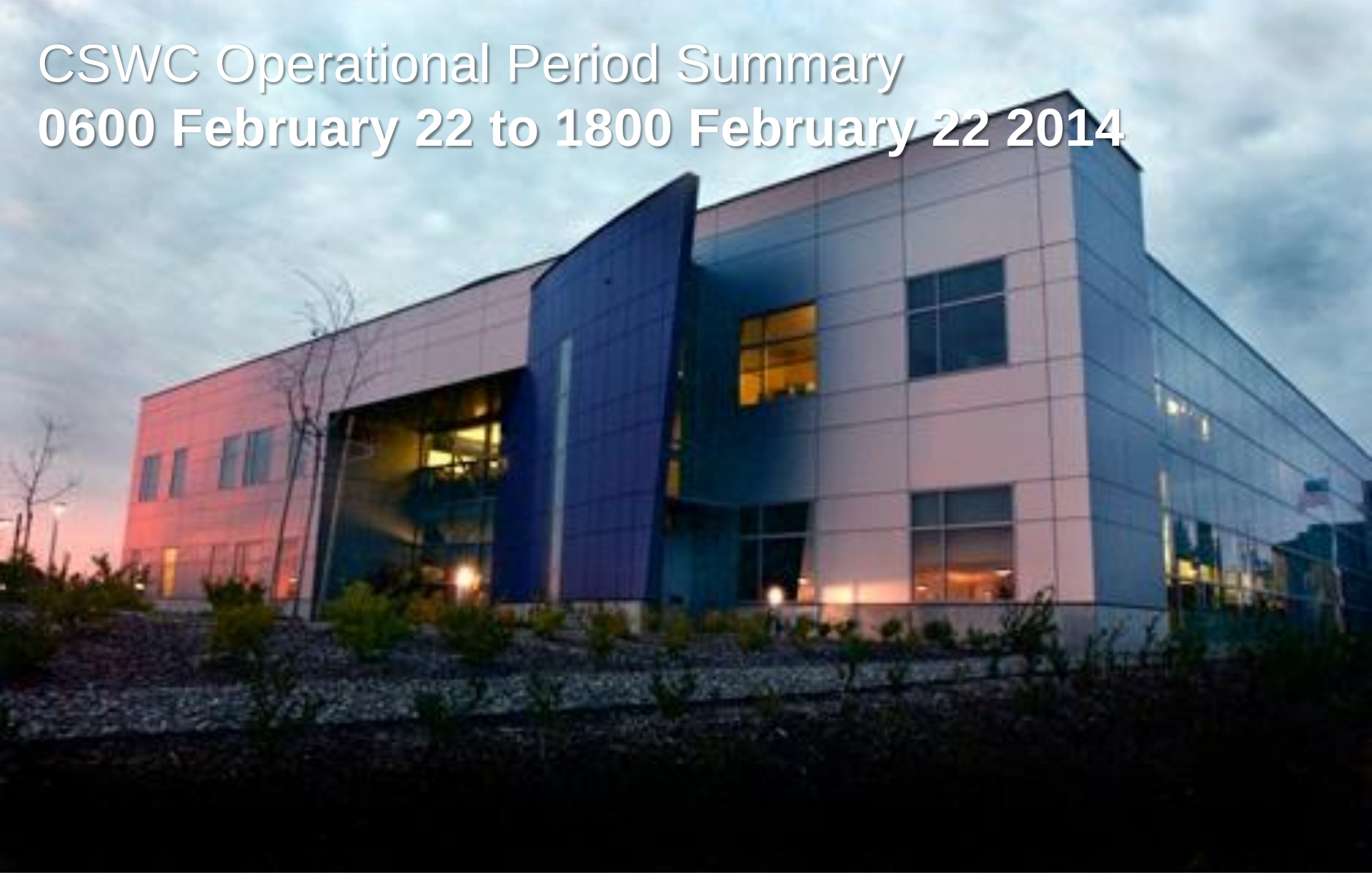
CSWC Operational Period Summary

0600 February 22 to 1800 February 22 2014



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SITUATION SUMMARY

- SOC / Inland REOC remains activated in support of 2014 Drought
- A series of low pressure systems is currently forecast to bring periods of significant wet weather to interior northern California as early as Wednesday, and continuing through next weekend
- No significant Weather Watches or Warnings are in effect
- Natural Gas Outage – Montclair, San Bernardino County
  - As of 1649 hours on 2/22/14, Southern California Gas has restored gas service to approximately 453 customers.
  - More affected customers were identified and there are approximately over 1,000 customers still without gas service
  - Per Monte Vista Water District, all 23 customers were restored to full water service at 1100 hours this morning.
  - Please see Southern California Significant Events slide for additional details.
- Bay Area Rapid Transit (BART) derailment – Concord, Contra Costa County
  - As of 1431 hours on 2/22/14, the derailed train car has successfully been removed and track assessment is in progress.
  - Per BART EOC, service will be restored tomorrow, 2/23/14, at 0800 hours.
  - Please see Northern California Significant Events slide for additional details.

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WEATHER

Near-term Outlook for Precipitation:

- A series of low pressure systems is currently forecast to bring periods of significant wet weather to interior northern California as early as Wednesday, and continuing through next weekend.
- The potential for heavy rainfall and potentially heavy snowfall above 4,000 – 6,000 level.
- Potential for urban and small stream flooding from rainfall
- Potential for thunderstorms
- High confidence on wet weather
- Medium confidence on timing and precipitation amounts

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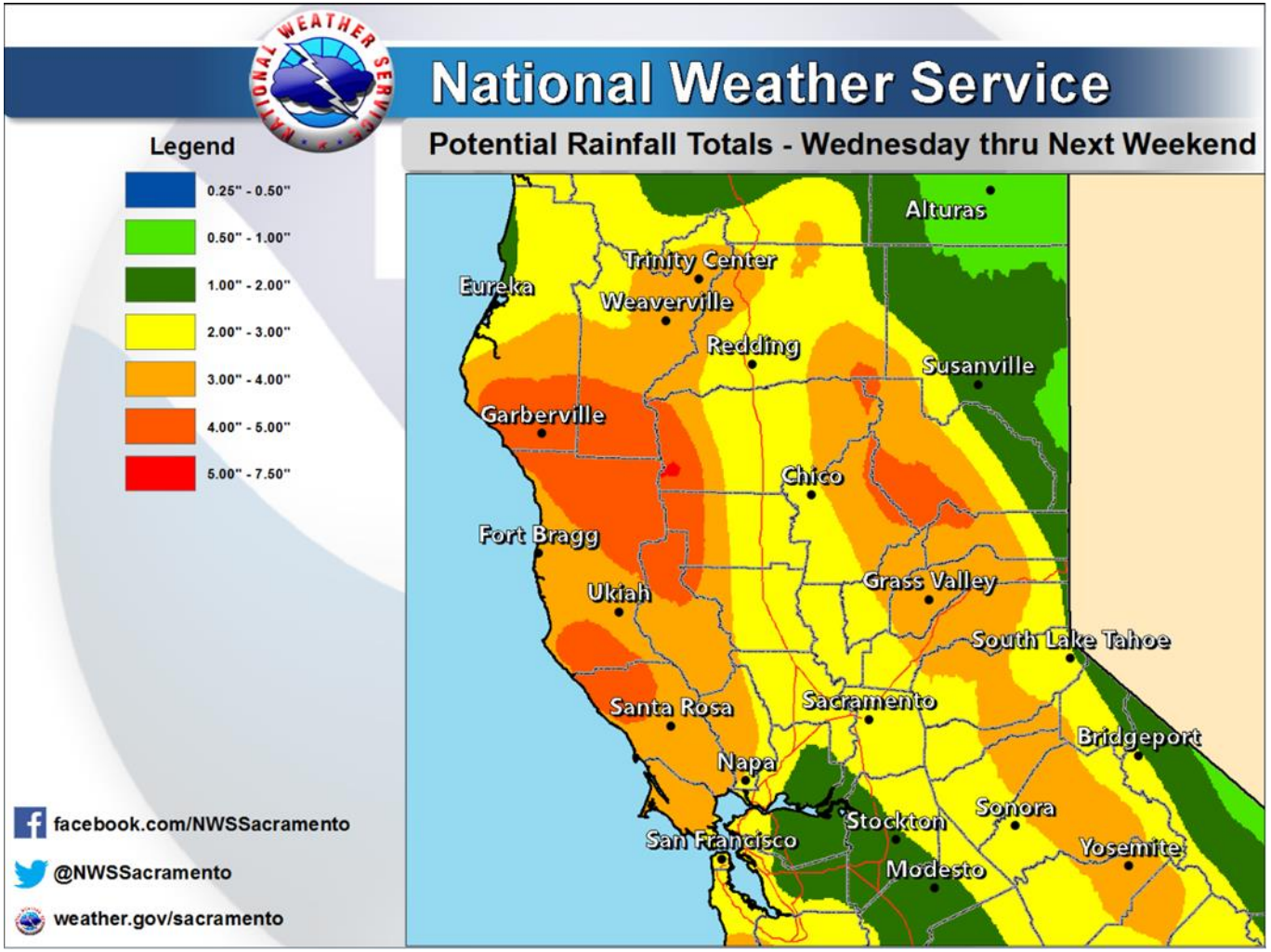
Precipitation Forecast



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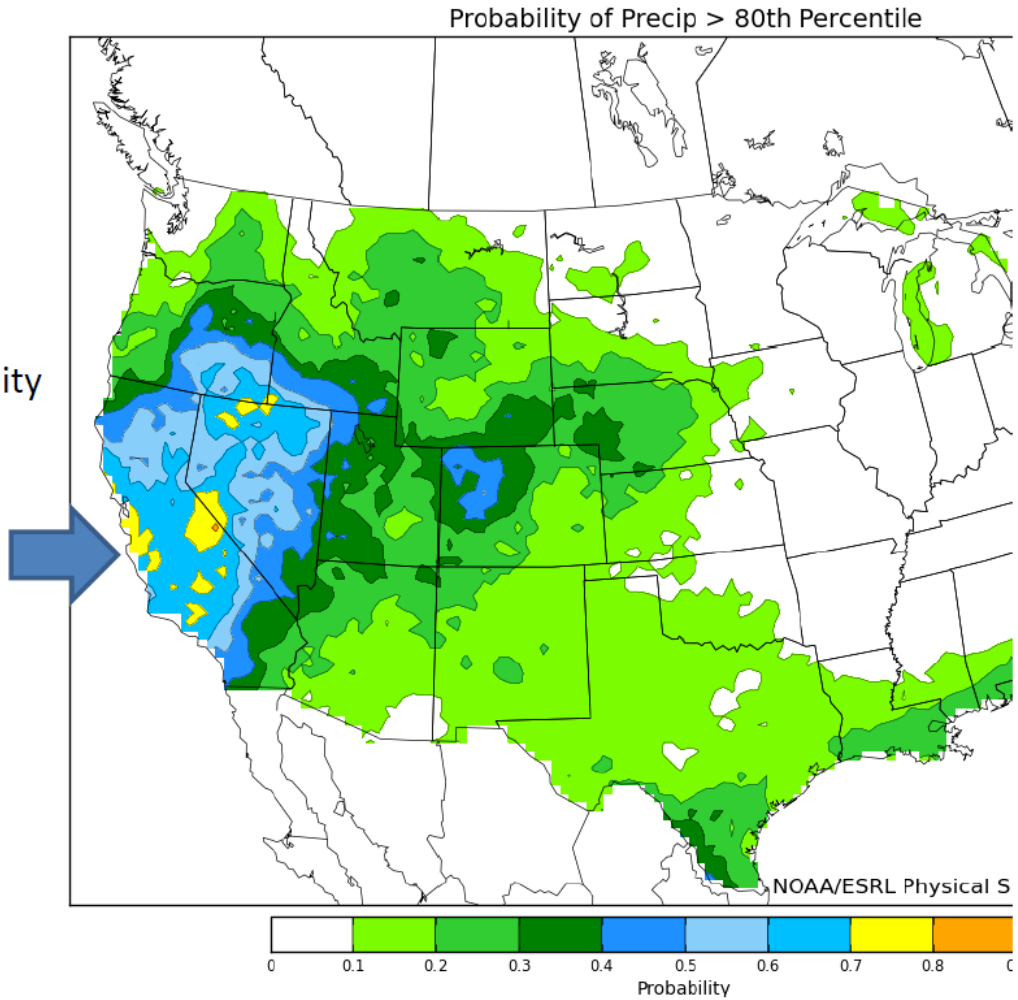
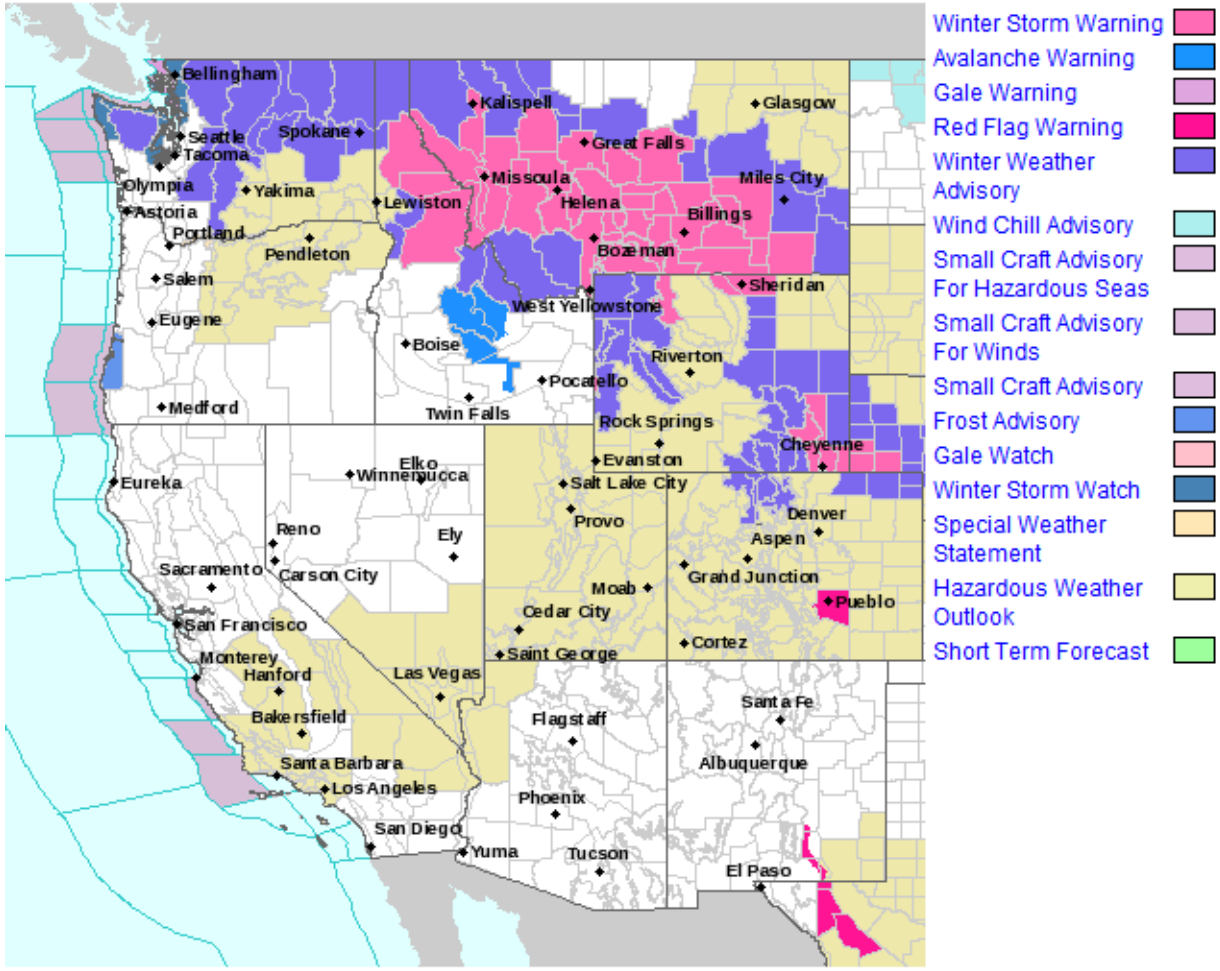
Probability of Significant Precipitation

High Probability of significant precipitation



STATE WEATHER MAP



Last map update: Feb, 22nd 2014 at 5:58:30 pm MST

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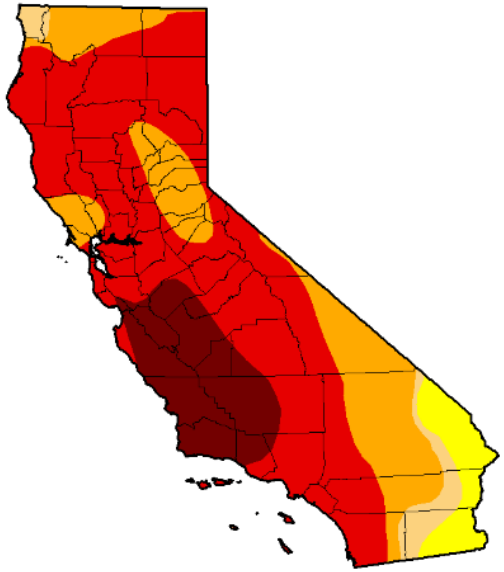
U.S. Drought Monitor

California



February 18, 2014

(Released Thursday February 20, 2014)

Valid 7 a.m. Eastern

Week	Date	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	2/18/2014	0.00	100.00	94.54	90.82	68.30	14.62
Last Week	2/11/2014	1.43	98.57	94.54	91.59	60.94	9.81
3 Months Ago	11/19/2013	2.61	97.39	96.00	84.12	27.59	0.00
Start of Calendar Year	12/31/2013	2.61	97.39	94.25	87.53	27.59	0.00
Start of Water Year	10/1/2013	2.63	97.37	95.95	84.12	11.36	0.00
One Year Ago	2/19/2013	15.45	84.55	47.18	23.72	0.00	0.00

Intensity:

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying **text summary** for forecast statements.*

Author(s):

David Miskus, NOAA/NWS/NCEP/CPC

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FIRE ACTIVITY

Preparedness Levels:

National Preparedness Level 1

Northern California
Preparedness Level **1** Multi-Agency Coordination System MACS Mode **2**

Southern California
Preparedness Level **2** Multi-Agency Coordination System MACS Mode **2**

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential
http://psgeodata.fs.fed.us/7day/action/forecast/8
Northern California 7 Day Significant Fire Potential
http://psgeodata.fs.fed.us/7day/action/forecast/10
California Fire Weather Map Watches and Warnings
http://www.wrh.noaa.gov/firewx/main.php
NWS California River Forecast Center:
http://www.cnrfc.noaa.gov/

No Significant Fire Activity to Report

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CAL OES ACTIVATIONS

- The SOC is activated at Level 2 in support of the Drought State of Emergency from 0800-1700 hours daily. The Inland REOC is activated at Level 2 from 0800-1700 Monday through Friday or as needed. The Southern REOCs is activated at Level 1.
- The Santa Barbara County OA EOC is activated at Level 2 to be handled by the duty officer for the purpose of monitoring activities and gaining situational awareness. The operational period is 0800-1700 hours.

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SIGNIFICANT EVENTS / ACTIVITY

Cal EOC Incident – 2014 Drought

Situational Summary: (No Change)

- The lack of winter rain and snowfall has resulted in extremely dry conditions in many parts of the State. Reservoir levels are down significantly from where they should be on average for this time of year. If conditions continue without substantial rainfall, severe impacts to municipal water supplies, agriculture (plants and livestock) and firefighting capabilities are likely in store for the State for several months. Negative economic impacts will also result. The Governor has established a Drought Task Force to prioritize State actions needed to address these conditions. Governor Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions. The State Operations Center (SOC) is activated to implement objectives in support of the Governor's priorities.

- Many local jurisdictions have enacted water conservation measures. The Office of Emergency Services is in close contact with counties and local officials to monitor the water conditions, agriculture and economy.

- As a result of the drought DWR has informed the customers of the State Water Project (SWP) that deliveries in 2014 will be discontinued if current dry conditions persist. Deliveries to agricultural districts with long-standing water rights in the Sacramento Valley may be cut 50 percent (the maximum permitted by contract) depending upon future snow survey results. Storage in key reservoirs now is lower than at this time in 1977, one of the two previous driest water years on record. While additional winter storms may provide a limited boost to reservoir storage and water deliveries, it would need to rain and snow heavily every other day from now until May to get us back to average annual rain and snowfall. The allocation may change depending on future storm events.

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Cal EOC Incident – 2014 Drought (Con't)

Current Conditions:

Recent Precipitation: Very little precipitation fell in California over the last week. Precipitation totals (in inches) for the 24 hour period February 21 to February 22 are below:

Precipitation Totals (inches)	2/21 – 2/22/2014 24 hour total
Folsom Dam: 0.00"	Pollack Pines: 0.00"
Fresno: 0.00"	Redding: 0.00"
Hetch Hetchy Reservoir: 0.00"	Sacramento: 0.00"
Los Angeles: 0.00"	Shasta Dam: 0.00"
Modesto: 0.00"	Willits: 0.00"
Oroville: 0.00"	

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Cal EOC Incident – 2014 Drought (Con't)

Current Conditions:

While Northern California received its largest rainstorm in 14 months in mid February, the storm had minimal effect on California's drought conditions and reservoirs' water levels remained largely unchanged.

Near-term Outlook for Precipitation:

- A series of low pressure systems is currently forecast to bring periods of significant wet weather to interior northern California as early as Wednesday, and continuing through next weekend.
- The potential for heavy rainfall and potentially heavy snowfall above 4,000 – 6,000 level.
- Potential for urban and small stream flooding from rainfall
- Potential for thunderstorms
- High confidence on wet weather
- Medium confidence on timing and precipitation amounts

** Heavy rain and snow would have to fall throughout California very frequently from now until May to reach average annual rain and snowfall. Even with such precipitation, California would remain in drought conditions, due to low supplies from the two previous dry years.**

Cal OES Inland Region - The Drought Coordination and Briefing call for Operational Areas, Native American Tribes and the Governor's Office of Emergency Services Inland Region REOC continues to be held at 1100 hours each Monday.

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CURRENT DROUGHT UPDATES:

- **2014 Drought Response Report – Attached (Update)**
  - **This report will be updated again on 02/24/14 unless the situation warrants.**

Declarations/Resolutions/Proclamations: (No Change)

State:

01/17/14 – January 17, 2014, Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions**.**

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Declarations/Resolutions/Proclamations: (Con't)

County Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
Inland Region		
County		**Request**
Glenn	1/30/2014	State and Federal relief
Kern	1/14/2014	Gubernatorial and Presidential
Kings	1/14/2014	State and Federal assistance
Madera	1/28/2014	No specific request
San Joaquin	1/28/2014	No specific request
Sutter	2/11/2014	Gubernatorial and Presidential
Tulare	2/4/2014	CDAA and Federal assistance
Tuolumne	2/4/2014	CDAA and Federal assistance
Yuba	2/18/2014	Gubernatorial and Presidential
Coastal Region		
County		**Request**
Mendocino	1/7/2014	No specific request
Southern Region		
County		**Request**
Inyo	1/28/2014	CDAA
Santa Barbara	1/17/2014	No specific request

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Declarations/Resolutions/Proclamations: (Con't)

City / Tribe / Special District Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
Inland Region		
City/Tribe/Special District		**Request**
Placer County Water Agency Placer	2/6/2014	Local conservation and funding measures
Twain Harte Community Services Dist Tuolumne	1/29/2014	Enact District conservation measures
Tule River Tribe Tulare	1/30/2014	Enact Tribal emergency authorities
Lake Don Pedro Community Services Dist. Mariposa	2/18/2014	Declare a Stage I Water Emergency
Coastal Region		
City/Tribe/Special District		**Request**
Hoopa Valley Tribe Humboldt	1/20/2014	Enact Tribal emergency authorities
Yurok Tribe Del Norte	1/29/2014	Enact Tribal emergency authorities
City of Willits Mendocino	1/7/2014	Declare a Phase V Water Emergency
Brookside Township Mendocino	1/7/2014	
City of Calistoga Napa	2/4/2014	Declare a Stage II Water Emergency
City of St. Helena Napa	1/28/2014	Declare a Stage II Water Emergency
City of American Canyon Napa	2/4/2014	Declare a Stage I Water Emergency
Southern Region		
City/Tribe/Special District		**Request**

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Counties Which Have Established a Drought Task Force (DTF)

Cal OES Inland Region

Inland Region	
County	**Drought Task Force Meetings**
Butte	
Madera	
Modoc	
Nevada	2/28/2014
Placer	3/5/2014
Plumas	2/24/2014
Sacramento	
San Joaquin	
Siskiyou	
Stanislaus	
Sutter	3/13/2014
Tehama	
Tulare	
Tuolumne	

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Counties Which Have Established A Drought Task Force (DTF) (Con't)

Cal OES Coastal Region / Cal OES Southern Region:

Coastal Region	
County	**Drought Task Force Meetings**
Mendocino	2/26/2014
Monterey	
San Mateo	
Southern Region	
County	**Drought Task Force Meetings**
Santa Barbara	3/4/2014
San Luis Obispo	3/12/2014

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DROUGHT MEETINGS

Cal OES Inland Region

The Drought Coordination and Briefing call for Operational Areas, Native American Tribes and the Governor's Office of Emergency Services Inland Region REOC continues to be held at 1100 hours each Monday.

- 02/19/14 - Butte County: Paradise had their first Drought Task force meeting on Wednesday evening.
- 02/19/14 - Siskiyou County had a Drought Task force meeting.
- 02/19/14.- San Joaquin County Task Force Management. The Inland Region Field ESC attended the OA Drought Task Force meeting on Wednesday February 19, 2014.
- 02/18/14 Butte County - The Inland Region Administrator and Inland staff participated in the Butte County Drought Task Force meeting in Oroville and the CDFA/USDA drought forum in Palo Cedro, in a continuing effort to gather information on the drought emergency and related impacts.
- 02/18/14 Stanislaus County - The Inland Region Field ESC attended the OA first Drought Task Force meeting on Tuesday February 18, 2014. There was good participation from water agencies, agricultural agencies, cities, and county departments. Information was shared and meetings will continue.
- 02/18/14 Madera and Stanislaus Counties - Inland Region staff participated in Drought Task Force meetings. Relevant updates have been posted to Cal EOC.

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NORTHERN CALIFORNIA SIGNIFICANT ACTIVITY

Bay Area Rapid Transit (BART) derailment – Concord, Contra Costa County (Final)

- One (1) out-of-service train jumped its tracks and derailed last night on 2/21/14.
- One driver was on board with no passengers and no injuries have been reported.
- BART traffic has been suspended past the Pleasant Hill Station for today, 2/22/14, and BART has established a bus bridge until service is restored.

Update 2/22/14 at 1431 hours:

- Per the Cal OES Coastal Duty Officer, the derailed train car has successfully been removed and track assessment is in progress.
- Per BART EOC, service will be restored tomorrow, 2/23/14, at 0800 hours.

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SOUTHERN CALIFORNIA SIGNIFICANT ACTIVITY

Natural Gas Outage Montclair, San Bernardino County 2/21/14 at 1009 hours (Update)

- Caused by a leak from a water main entering a natural gas line causing service outages for customers near downtown Montclair area.
- Southern California Gas Company crews have repaired the gas pipeline and are working on reestablishing gas services.
- As of 0730 hours on 2/22/14, 1,263 customers were still without gas service. There is no estimated time of restoration at this time.
- 23 customers were without water service and resumption of service was expected this morning once water quality testing was completed and no contamination is present.
- There are no reported AFN issues and no requests for State assistance at this time.

Update 2/22/14 at 1649 hours:

- Cal OES Southern Duty Officer advised per Monte Vista Water District, all 23 customers were restored to full water service at 1100 hours this morning.
- Southern California Gas has restored gas service to approximately 453 customers.
- More affected customers were identified and there are approximately over 1,000 customers still without gas service
- Additional crews have been brought in to expedite the gas restoration process.

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CAL OES OPEN MISSIONS

Drought Related Missions

- **2014-Inland-2185** Tuolumne County does not have a water master or any alternative resources to assist in determining the health of their ground water system. The County is requesting state agency expertise to assist with this determination.
- **2014-SOC-2242** On 2/24/2014, the Governor's Drought Task Force will attend a meeting with Mendocino County and local officials in Willits to discuss concerns, challenges and possible forms of State assistance. California Department of Fish and Wildlife (DFW) is providing the air assets to fill this mission.

Ongoing Missions:

- **2014-LAW-2258** Placer County Sheriff's Department requesting 2 radio kit's (kit of 14 radios), 1 kit of VHF and 1 kit of UHF, to assist and support a mountain rescue training.

- **2014-SOC-2111** Mission is to test the Cascadia Subduction Zone (CSZ) air bridge concept by air transporting 7 passengers from OES and 1 CANG logistics planner on 13 May 2014 from Mather to the State Staging Area (SA) in Redding, to one POD in Del Norte and one POD in Humboldt, to the Redding State SA, and return to Mather. Passengers will discuss actions at the Redding SA and at each OA POD while they are at each location. The air bridge is a critical component to CSZ response and recovery. It is imperative this concept is tested to ensure response teams can be successfully transported into the effected region and the affected Operational Areas' are able to receive aircraft at designated PODs.

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<u>Ongoing Missions</u>: (Con't)

- **2014-LAW-2069** Solano County Sheriff's Department is requesting California National Guard (CNG) tents to support classes and vendor displays at SAREX 2014 (A joint coordination exercise) scheduled for 9/05-07/2014 in Napa County. Setup of requested resources will begin on 9/04/14 and tear down will occur on 9/08. The exact scope of work will be determined as the planning cycle continues. There will also be a request for communications support which may be a combination of CNG and Cal OES Telecommunications resources. Mission number pulled to allow CNG to begin determining what assets may be available to assist. At this time the specifics of the request are deemed "to be determined" (TBD).

- **2014-LAW-2163**
  Current: 2/15/14 - Mission anticipated to last until 2/25/14.
  Situation: The CNG's 95th CST will assist the Dept. of State's Diplomatic Security Detail with planning and executing Joint Hazard Assessment Team (JHAT) Operations for a foreign dignitary's scheduled appearances.

- **2014-LAW-2235** On 2/19/14, Tulare County Sheriff's requested resources to assist in SAR of missing at risk female from San Diego missing since last Sunday. Resources requested include: Helicopter support, cadaver and scent dogs. The Cal OES Law Enforcement Duty Officer is coordinating the resources. Search operations continued today, 2/22/14, with local and mutual aid resources. No new resource requests have been received.

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CAL OES DEPLOYMENTS

EMAC Colorado (No Change)

2014-SOC-2101 California deployed a Recovery Specialist, Clyde Muraoka, to Colorado as requested via EMAC #510-RR-2388 to assist in flood recovery operations. The coordination process is complete. Personnel have arrived safely and reported for assignment. The deployment began on 2/09/14 with a confirmed demobilization date of 3/12/14.

UPCOMING EVENTS, TRAINING, EXERCISES

Diablo Canyon Power Plant, Rehearsal / Full Scale Exercise

Diablo Canyon Power Plant in San Luis Obispo will be hosting two full scale Hostile Action Based exercises this Spring. A dress rehearsal exercise will be held on April 16, 2014 and a FEMA evaluated exercise will held on May 21, 2014. This is part of the required biennial demonstration of our ability to protect the public from a radiological incident at the nuclear power plant.

2014 Golden Guardian

Planning is currently underway for the Governor's 2014 exercise series. The series will test the *California Cascadia Subduction Zone Earthquake and Tsunami Response Plan* developed by FEMA Region IX and Cal OES

- Logistics Tabletop Exercise - March 5, 2014
- Logistics Rehearsal of Concept Drill - April 2, 2013
- REOC Communications Functional Exercise - March 27, 2014

The Tsunami Warning Communications Test

Live code, activating EAS will be on the North Coast in Del Norte, Humboldt, Mendocino Counties on Wednesday 3/26/14 (between 11:00 and Noon PDT).

- Del Norte County will be asking residents of the community to participate in a full evacuation exercise on March 26th between 1100 – 1300 hours PDT.

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Mission:
We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.