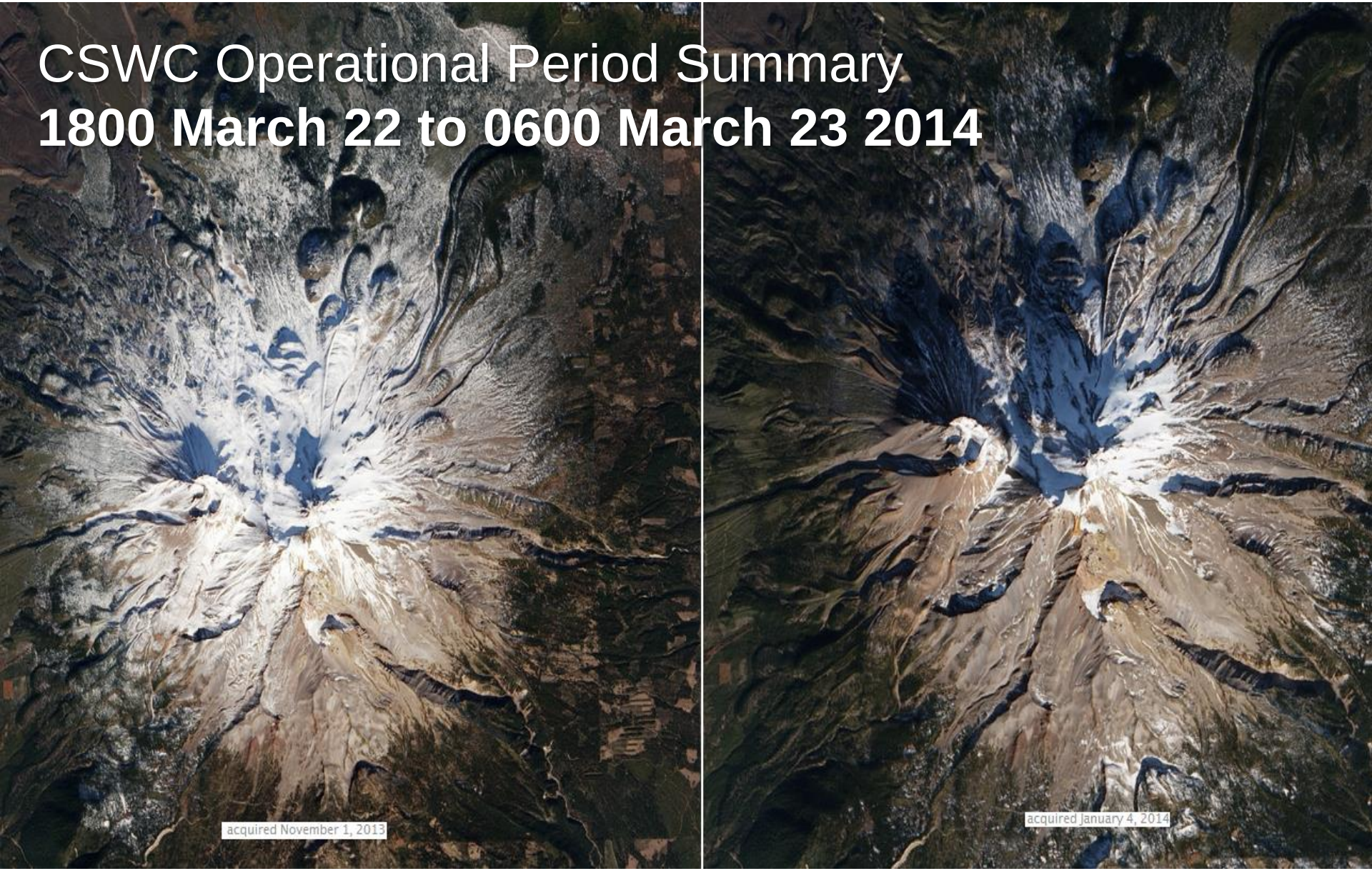
CSWC Operational Period Summary
1800 March 22 to 0600 March 23 2014



Mount Shasta Snow Cover (USGS Landsat 8 Data)

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SITUATION SUMMARY

- SOC / Inland REOC remains activated in support of 2014 Drought

Significant Weather

- Freeze Warning in effect from 0200 to 0900 today for areas in Siskiyou County

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WEATHER

WEATHER SYNOPSIS BY REGION:

NORTHERN CALIFORNIA AND CENTRAL COASTAL AREAS:

Eureka Weather:
High pressure will dominate the weather pattern through the weekend with dry conditions and gradually warm temperatures. Precipitation chances will increase Monday night and Tuesday as a storm system approaches Northwest California. Unsettled conditions will persist through the rest of the upcoming week.

San Francisco Weather:
High pressure off the West Coast will maintain dry conditions and temperatures at or slightly above seasonal averages through Tuesday. A Pacific storm system will then approach the San Francisco Bay Area early Tuesday and bring periods of unsettled weather and cooler temperatures to the region through late next week

CENTRAL CALIFORNIA AND SOUTHERN SAN JOAQUIN VALLEY

Sacramento Weather:
Warm and dry weather will continue through Monday with above normal temperatures. Unsettled and cooler weather expected Tuesday through mid-week.

Hanford Weather:
High pressure over the Eastern Pacific will keep sunny and warm conditions in place into Tuesday. A storm system will reach Central California beginning Tuesday night bringing precipitation to much of the area.

WEATHER SYNOPSIS BY REGION: (Con't)

SOUTHERN CALIFORNIA:

Los Angeles Weather:
A weak ridge of high pressure will bring slightly warmer weather through Tuesday, but a deep marine layer will keep temperatures from getting much above normal. A trough of low pressure will approach on Tuesday bringing cooler weather and a chance of showers for mid-week. A warming trend is likely for the second half of the week as a ridge of high pressure returns

Extreme Southwestern California Including Orange, San Diego, Western Riverside and Southwestern San Bernardino Counties:
A weak upper level low pressure system off the Central California coast will move southward through tonight. This will maintain seasonal weather and temperatures with areas of night and morning low clouds and fog with some clouds over the mountains the next few afternoons. For Wednesday and early Thursday, a trough of low pressure moving inland through California will bring gusty west winds in the mountains and deserts and mainly light precipitation along and west of the mountains. Fair and warmer conditions are expected inland for Friday and Saturday under high pressure aloft.

Southeast California Weather:
Dry weather with occasional high clouds is expected through mid-week along with above normal temperatures in the low to mid 80s. A trough will bring breezy conditions and slightly cooler temperatures to Southeastern California Wednesday and Thursday.

WEATHER

Longer Term Outlook

An upper level trough will move through Northern California Tuesday into Wednesday bringing a cooler air mass and breezy southwesterly winds along with a threat of precipitation. Increasing instability on Wednesday as the system starts shifting to the east that could bring some thunderstorms. Additional precipitation is possible through the end of the week with more systems coming through the area. The precipitation received will offer some short term gains but will not end the drought.

Forecast Confidence

- Medium for precipitation Tuesday and Wednesday
- Low for thunderstorms
- Low for precipitation beyond Wednesday

Timing and Strength

- Precipitation spreading southeast across interior Northern California on Tuesday and continuing into Wednesday.
- Snow levels around 6000 ft Tuesday and lowering to around 4000 ft on Wednesday.
- Precipitation totals for Tuesday and Wednesday, up to half an inch in the Central Valley. Half an inch to an inch in the foothills and mountains except 1 to 2 inches in the Sierra.
- Snow amounts up to a foot above 6000 ft in the Sierra. Up to a few inches possible over the Coastal Range and above 4000 ft in Shasta County.

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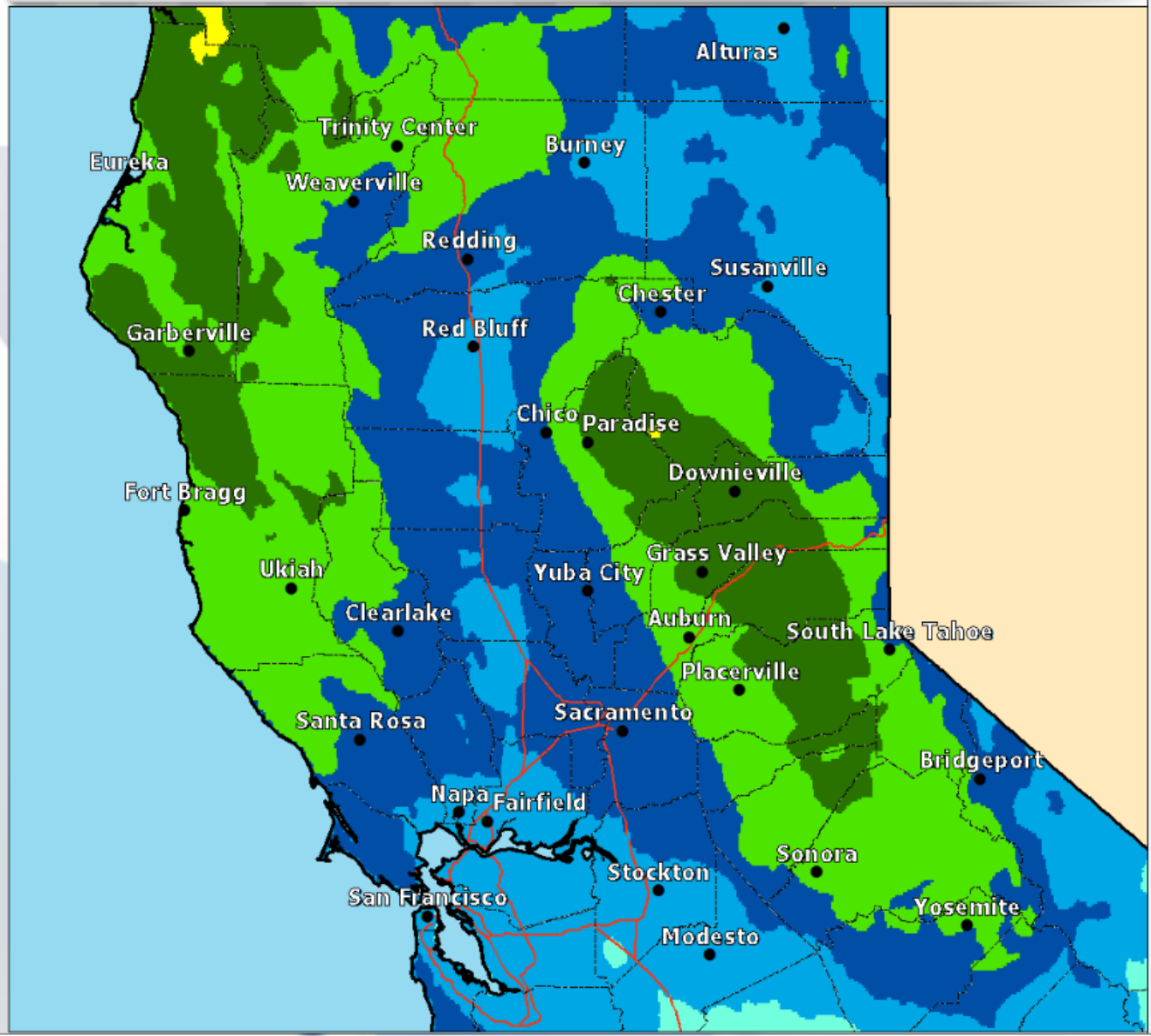
National Weather Service

Possible Precipitation Totals : Next Tuesday-Wednesday

Legend

- 0"
- 0" - 0.10"
- 0.10" - 0.25"
- 0.25" - 0.50"
- 0.50" - 1.00"
- 1.00" - 2.00"
- 2.00" - 3.00"



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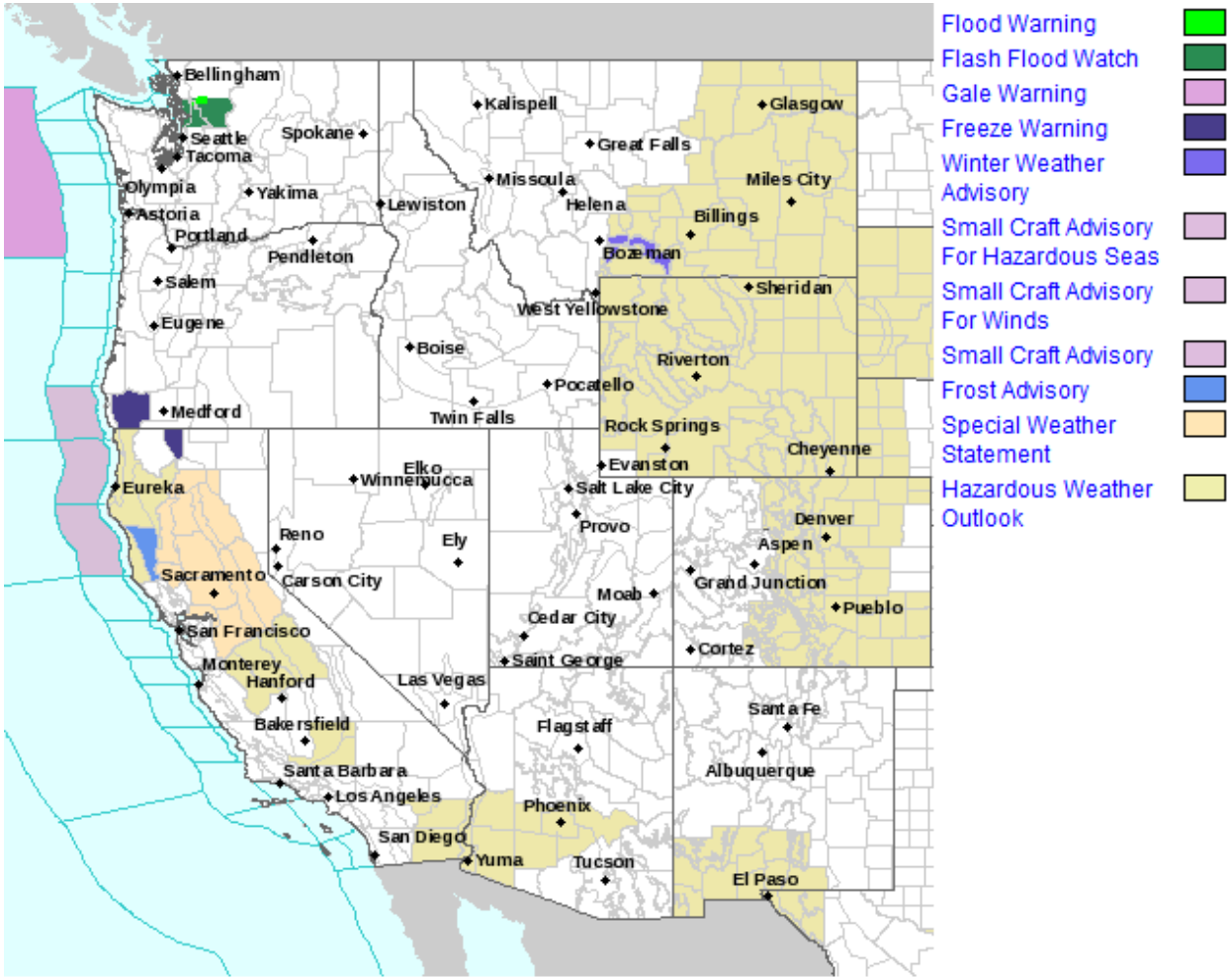
weather.gov/sacramento

STATE WEATHER MAP



Last map update: Mar, 23rd 2014 at 5:59:30 am MDT

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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

CAL OES ACTIVATIONS

Cal EOC Incident – 2014 Drought

- 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 REOC 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

Information as of 3/17/14

Situational Summary: (No Change)

On January 17, 2014 Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for drought conditions. The State Operation Center (SOC) is activated to implement objectives in support of the Governor's priorities. 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 over the next few months. Negative economic impacts will also result.

Dry conditions are expected statewide through mid-week, with record high temperatures in some places. A weak pressure front will move in by the middle of the week with cooling temperatures, but little to no precipitation is expected.

Despite above average rain and snow in February and early March, much of California has received only about 50% of normal precipitation. Heavy rain and snow would have to fall throughout California very frequently from now until May to reach average annual rain and snowfall levels. Even with such precipitation, California would remain in drought conditions, due to low water supplies in reservoirs from the two previous dry years. The drought could result in severe impacts to the municipal water supplies, wells, agriculture (plants and livestock) and firefighting capabilities for several months. The SOC continues to be activated to monitor the situation statewide, and support regional and local operational areas.

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Cal EOC Incident – 2014 Drought (Cont.)

Information as of 3/18/14

Situational Summary: (Cont.)

- The Taskforce continues to meet regularly to take actions that conserve water and coordinate state response to the drought.
- The State Water Resource Control Board (SWRCB) staff participated in the Small Systems Inter-Agency Outreach Committee meeting USDA Rural Development, California Water/Wastewater Agency Response Network and Rural Community Assistance Corporation on March 5, 2014.
- The recent snowpack survey conducted on 3/12/14, recorded California snowpack at 29% of normal. The statewide snowpack as of March 6 indicates a snow water content of 33 percent of average to date and 30 percent of the April 1 average.
- DWR has announced that water essential for health and safety will be delivered through the state water project in spite of the zero allocation policy. Deliveries will be boosted if storms produce enough rain and snow to increase reservoir storage and the snow pack.
- On March 27, 2014, SWRCB will be at the groundbreaking ceremony for the City of Visalia's $147 million Water Conservation Plant upgrade and recycled water distribution pipeline, made possible by an earlier CWA SRF loan from the State Water Board.
- Cal OES continues to gather drought-related costs from state agencies and local governments.

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Current Drought Updates:

- **2014 Drought Response Report will be updated again on 03/24/14 unless the situation warrants.**

<u>Declarations/Resolutions/Proclamations:</u> (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: (Cont.)

County Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations			
Inland Region			
County		**Request**	**Reaffirmation Received**
Glenn	1/30/2014	State and Federal relief	3/10/2014
Kern	1/14/2014	Gubernatorial and Presidential	3/14/2014
Kings	1/14/2014	State and Federal assistance	
Madera	1/28/2014	No specific request	3/14/2014
Merced	3/6/2014	No specific request	
Modoc	3/5/2014	No specific request	
San Joaquin	1/28/2014	No specific request	3/4/2014
Siskiyou	3/11/2014	Gubernatorial and Presidential	
Sutter	2/11/2014	Gubernatorial and Presidential	
Tulare	2/4/2014	CDAA and Federal assistance	3/3/2014
Tuolumne	2/4/2014	CDAA and Federal assistance	
Yuba	2/18/2014	Gubernatorial and Presidential	
Coastal Region			
County		**Request**	**Reaffirmation Received**
Lake	3/6/2014	CDAA and Federal assistance	
Mendocino	1/7/2014	No specific request	
Sonoma	2/25/2014	CDAA and Federal assistance	
Southern Region			
County		**Request**	**Reaffirmation Received**
Inyo	1/28/2014	CDAA	
Santa Barbara	1/17/2014	No specific request	

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Declarations/Resolutions/Proclamations: (Cont.)

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
Karuk Tribe Siskiyou, Humboldt	2/18/2014	Enact Tribal emergency authorities
Mariposa Public Utility District	2/4/2014	Enact District conservation measures
Coastal Region		
City/Tribe/Special District		**Request**
Hoopa Valley Tribe Humboldt	1/20/2014	Enact Tribal emergency authorities
Yurok Tribe Del Norte, Humboldt	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
Sonoma County Water Agency	2/25/2014	
Sherwood Valley Pomo Indian Tribe, Mendocino	3/21/2014	Enact Tribal emergency authorities
Southern Region		
City/Tribe/Special District		**Request**
Carpinteria Valley Water District	2/12/2014	Declare a Stage I Water Emergency
Meiners Oaks Water District	3/4/2014	Declare a Stage II Water Emergency

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Counties Which Have Established a Drought Task Force (DTF)

Information as of 3/21/14

County Drought Task Force Upcoming Meetings		
Inland Region		
County	**Previous Meetings**	**Upcoming Meetings**
Butte	2/18/2014	5/19/2014
Kern	3/13/2014	4/10/2014
Madera	3/11/2014	4/29/2014
Merced		3/19/2014
Modoc	2/12/2014	
Nevada	2/28/2014	
Placer	3/12/2014	
Plumas	2/24/2014	3/17/2014
Sacramento	2/21/2014	3/21/2014
San Joaquin	2/19/2014	3/19/2014
Siskiyou	3/12/2014	
Stanislaus	3/3/2014	3/19/2014
Sutter	3/13/2014	4/10/2014
Tehama	2/18/2014	
Tulare	3/10/2014	4/14/2014
Tuolumne	2/28/2014	3/28/2014
Coastal Region		
County	**Previous Meetings**	**Upcoming Meetings**
Mendocino	2/26/2014	
Monterey		
San Mateo		3/18/2014
Santa Clara	2/27/2014	
Southern Region		
County	**Previous Meetings**	**Upcoming Meetings**
San Luis Obispo	2/28/2014	3/19/2014
Santa Barbara	3/12/2014	4/9/2014
Orange		4/1/2014

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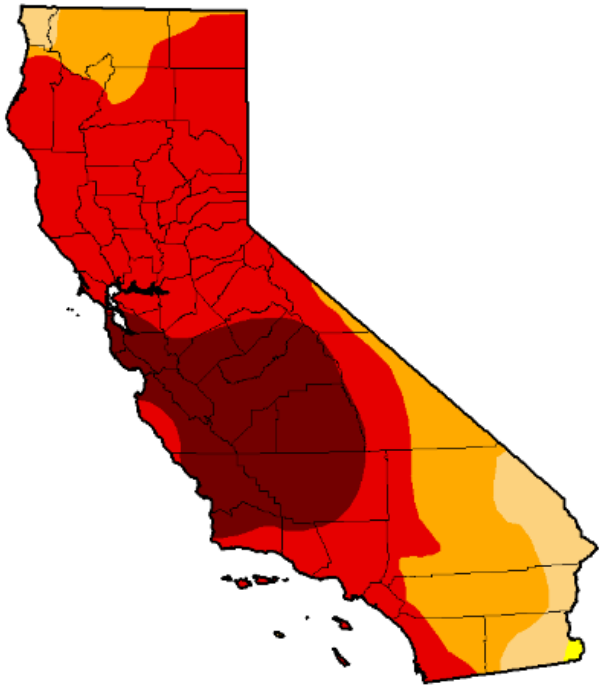
March 18, 2014

(Released Thursday March 20, 2014)

Valid 7 a.m. Eastern



Week	Date	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	3/18/2014	0.01	99.99	99.80	93.08	71.78	22.37
Last Week	3/11/2014	0.01	99.99	94.56	90.81	65.89	22.37
3 Months Ago	12/17/2013	2.61	97.39	94.25	82.53	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	3/19/2013	12.85	87.15	48.38	24.19	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):

Eric Luebehusen, U.S. Department of Agriculture

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CAL OES 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.

New Cal OES Missions

- **2014-LAW-2581** On 3/22/14 at 2100 hours, Air Force Rescue Coordination Center (AFRCC) advised of an emergency locator transponder (ELT) sounding in the vicinity of Watsonville, Santa Cruz County. Civil Air Patrol (CAP) Incident Commander (IC) has been assigned to locate and silence the device.

Ongoing Cal OES Missions

- **2014-LAW-2561** On 03/22/14, Santa Clara County Sheriff's Office requesting a Mobile Interoperability Gateway Unit (MIGU) to support a law enforcement incident/fugitive search. Cal OES LDO coordinating resource request. Cal OES LDO briefed Cal OES TDO. Per Cal OES TDO, MIGU2 is deployed for this mission request.

- **2014-FIRE-2548** CAL FIRE request for an aircraft and aircrews with fuel tenders to support the annual joint CNG, MHEM/AAML Training at the CAL FIRE Academy from 04/04/14 to 04/06/14 . All costs incurred for CNG personnel, fuel, equipment, and assets will be assumed by CNG.

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<u>Ongoing Cal OES Missions</u> (Cont.)

- **2014-LAW-2556** On 03/21/14 at 1349 hours, AFRCC advised of an ELT sounding at Van Nuys Airport, Los Angeles County. A CAP IC has been assigned to locate and silence the device.

- **2014-LAW-2483** The 95th CST will provide area monitoring, secure communications, and WMD expertise for the IRL Racing Event at Sonoma Raceway August 22-24, 2014. They will assist with advanced planning and be pre-positioned prior to the start of the event.

- **2014-LAW-2481** The 95th CST will provide area monitoring, secure communications, and WMD expertise for the NHRA Racing Event at Sonoma Raceway July 25-27, 2014. They will assist with advanced planning and be pre-positioned prior to the start of the event.

- **2014-LAW-2478** The 95th CST will provide area monitoring, secure communications, and WMD expertise for the NASCAR Racing Event at Sonoma Raceway June 20-22. They will assist with advanced planning and be pre-positioned prior to the start of the event.

Ongoing Cal OES Missions (Cont.)

- **2014-SREOC-2453** On 3/5/2014, San Bernardino County Fire OES is requesting communications support for Baker to Vegas Challenge Cup Relay on March 20, 2014. Cal OES T-Comm representative is coordinating the required resources. Per Cal OES TDO, MIGU1 is deployed in support of the Baker to Vegas Endurance Run.

- **2014-LAW-2450** Santa Barbara County Sheriff's Department is requesting ten Search and Rescue personnel that are EMS certified to assist with a special event. Resource will be needed from 1100 hours till Midnight on April 8, 2014. San Luis Obispo County Sheriff's Department will be responding with requested resources.

- **2014-LAW-2380** The San Bernardino County Sheriff's Department as the Regional Mutual Aid Coordinator is requesting the 9th Civil Support Team of the California National Guard for support during the running of the Auto Club Speedway's NASCAR Races to be held from Friday, March 21, 2014 through Sunday, March 23, 2014. The CNG has accepted the mission and will deploy the requested resources.

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Ongoing Cal OES Missions (Cont.)

- **2014-LAW-2307** Per USFWS, The mission has been postponed to Monday, March 10, with a backup date of March 11. They will provide a disposition at the conclusion of the mission.
  California Department of Fish and Wildlife (DFW) has requested California Air National Guard to assist in the movement of equipment and fuel between Farallon National Wildlife Refuge and the mainland. Approximately 3-4 sorties are expected with an HH-60G helicopter any one day between 2/24-28/2014 or before 3/15/2014. After receiving the official letter of request from USFWS on behalf of the California DFW, Cal OES LDO has changed the target date of the mission to 2/27/14, the county to Marin as Stinson Beach was Identified as the primary staging area and the resource to an HH-60.

- **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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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 Rehearsal of Concept Drill - April 2, 2014
- 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 Counties on Wednesday 3/26/2014 (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 26 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.