



OFFICE OF THE GOVERNOR

Drought Task Force Tribal Consultation

November 17, 2015

Participating State/ Federal Partners

- Cynthia Gomez, Governor's Office
- Eric Lamoureux, Cal OES
- Patrick Clark, Department of Water Resources
- Sonke Mastrup, Fish & Game Commission
- Jenn Phillips, Ocean Protection Council
- Janet Upton, CalFire
- Gita Kapahi, State Water Resources Control Board
- Indian Health Service



Governor's Drought Task Force



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



Monthly Tribal Consultation Webinar/ Call on 2015 Drought Response 11/17/2015

10:00 a.m. – 11:30 a.m.

Location: CA Environmental Protection Agency Building
1001 I Street, Sacramento, CA 95814

9:55 am	Dial In	All Tribal Governments
10:00 – 10:05 am	Welcome & Introductions	GOVERNOR'S OFFICE Cynthia Gomez , Tribal Advisor
10:05 – 10:10 am	Update on 2015 Drought Activity	CALIFORNIA GOVERNOR'S OFFICE OF EMERGENCY SERVICES (CalOES) Eric Lamoureux , Inland Region Administrator
10:10 – 10:25 am	Flood Emergency El Niño	DEPARTMENT OF WATER RESOURCES (DWR) Patricia Clark , State-Federal Flood Operations Center
10:25 – 10:35 am	Drought Impacts Crab fisheries	CALIFORNIA FISH AND GAME COMMISSION Sonke Mastrup , Executive Director
10:35 – 10:45	Prop 1 Funding	OCEAN PROTECTION COUNCIL Jenn Phillips , Tribal Liaison
10:45 – 10:55 am	Governor's Emergency Proclamation Tree Mortality Bark Beetle Federal Assistance request Letter to Vilsack	CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION (CAL Fire) Janet Upton , Deputy Director, Communications
10:55 – 11:05 am	Current Update	STATE WATER RESOURCES CONTROL BOARD Gita Kapahi , Tribal Liaison
11:05 – 11:10 am	Current Update	INDIAN HEALTH SERVICES, CALIFORNIA AREA (IHS)
11:10-11:30 am	Feedback for 2016 Tribal Consultations Tribal Comments/ Open Discussion	1 st Tribal Chairman 2 nd Tribal Designee 3 rd Open Forum Cynthia Gomez , Tribal Advisor

Governor's Office of Emergency Services

Eric Lamoureux

Inland Region, Administrator





Drought Update

Thursday, November 12, 2015

KEY ACTION ITEMS FROM THIS WEEK

- **Governor Declares Tree Die-Off Emergency:** On October 30, Governor Brown [declared](#) a state of emergency citing the worst epidemic of tree mortality in modern history. California's four year drought and resulting native bark beetle infestation has led to the death of millions of trees on federal, state and private land, with millions more trees currently dying. The [proclamation](#) directs state and local agencies to remove dead or dying trees in hazardous areas that threaten power lines, roads and other infrastructure. In addition, request for federal action to reduce risks by providing funding to augment state resources, deploy technical assistance and redirect U.S. Forest Service funds to remove trees on federal lands.
- **Statewide Conservation Exceeds Target for Fourth Consecutive Month:** On October 30, the State Water Board [announced](#) that Californians exceeded the 25 percent conservation mandate for the fourth consecutive month. According to the State Water Board, residents reduced water use by 26.1 percent statewide or 53.8 billion gallons in the month of September. Cumulative statewide savings since June 1 is 28.1 percent, which equates to 253.4 billion gallons or 65 percent of the overall goal of saving 1.2 million acre-feet by February 2016. For more details, view the State Water Board's full press release [here](#).
- **State Water Board Sets December 7 Workshop on Next Steps for Conservation Regulations:** On November 9, the State Water Board [announced](#) a public workshop on December 7 in Sacramento to gather input on potential extension and modification of the emergency conservation regulations set to expire in February 2016. The emergency regulations were adopted in May 2015 and require urban water suppliers to meet state-mandated conservation targets ranging from 4% to 36%, compared to 2013 water use. The workshop will include presentations on various precipitation scenarios and actions for the coming months.
- **State Water Board Invites Comments on Storm Water Strategy:** On November 6, the State Water Board began accepting [public comment](#) on the proposed [Storm Water Strategy](#), an effort to optimize the management of storm water resources. This strategy was developed after receiving stakeholder input during an August workshop and is intended to direct future improvements to the Storm Water Program by identifying goals, objectives, and projects that can manage storm water more effectively to improve both water quality and water supply, and increase the value of storm water as a resource.
- **DWR Webinar to Discuss SB 13 and Formation of Groundwater Sustainability Agencies:** On November 12, the California Department of Water Resources (DWR) will be hosting a [webinar](#) to discuss implementation of SB 13, which added clarifications and requirements to the Sustainable Groundwater Management Act (SGMA). SB 13 will become effective starting January 2016. The webinar will cover the responsibilities for the groundwater sustainability agencies (GSAs), process of notification of DWR and GSA formation, and address issues related to boundaries and services area conflicts.

- **California's Water Conservation Education Program Campaign:** On October 30, Save Our Water released a [blog post](#) highlighting the fourth consecutive month California has exceeded the Governor's 25 percent Water Conservation Mandate, and re-emphasizes the need for ongoing conservation efforts through the winter. In addition, Save Our Water will be featuring Golden State Warrior stars, Steph Curry and Klay Thompson, in a new upcoming PSA. Lastly, Save Our Water continues to highlight their partnership with [California ReLeaf](#), and will be featuring the U.S. Forest Service as this month's Water Hero on the [Save Our Water website](#).

In addition, there has been a continued push on the Save Our Water Rebate website on social media promoting the "[Claim your Turf Replacement](#)" rebate, and "[Claim Your Toilet](#)" rebate programs. For more tips and tools to help conserve water and keep trees healthy during the drought, please visit Save Our Water's website, which is available in both [English](#) and [Spanish](#), or connect with the program on [Facebook](#), [Twitter](#) or [Instagram](#).

- **Governor's Drought Task Force:** The Task Force continues to take actions that conserve water and coordinate state response to the drought. During the November 5 meeting, the Task Force announced the last two regional DTF meetings are scheduled for November 12 in San Luis Obispo and in Sacramento/Yolo County on November 17.

ONGOING DROUGHT SUPPORT

- **Emergency Food Aid, Utility and Employment Assistance:** The Department of Social Services (CDSS) Drought Food Assistance Program (DFAP) provides food assistance to affected communities that suffer high levels of unemployment from the drought. To date, over 983,380 boxes have been provided to community food banks in drought-impacted counties, with an average of approximately 13,250 food boxes per week since June 2014. Approximately 886,759 boxes of food have been picked up by 464,947 households.

Food boxes distributions vary by county and occur 1-4 times per month. Nearly 60% of the food distributions have occurred in the Tulare Basin (Fresno, Kern, Kings and Tulare). There are 12,600 boxes scheduled for delivery for the week ending November 13 to Fresno, Kern, Kings, Riverside, San Joaquin, Stanislaus, and Tulare counties.

The Department of Community Services and Development (CSD) allocated an additional \$600,000, under the federally-funded Community Services Block Grant (CSBG), to continue the [Drought Water Assistance Program \(DWAP\)](#) which provides financial assistance to help low-income families pay their water bills. As of October 30, CSD has reported that a total of \$570,299 has been issued to 2,837 households.

CSD is in the process of allocating \$400,000, under CSBG, to continue the Migrant and Seasonal Farmworker (MSFW) drought assistance program, which provides assistance in employment training and placement services to individuals impacted by the drought. This program provides employment training and placement services to migrant and seasonal farmworkers suffering job loss or reduced employment due to the drought. To date, CSD has reported that a total of \$103,112 has been issued to the Center for Employment Training, California Human Development, Central Valley Opportunity Center, Center for Employment Training and Proteus with 48 participants enrolled.

In response to California's historic drought, CSD has received \$7.5 million in General Fund to implement the Drought Emergency Assistance Program (DEAP) to provide emergency relief and support services to drought-impacted individuals and their families and households. As of October 30, CSD has reported that a total of \$2,425,988 has been issued to 1,845 households.

- **Drought Response Funding:** The \$687 million in state drought funding that was appropriated last March through emergency legislation, as well as \$142 million provided in the 2014 Budget Act, continues to advance toward meeting critical needs. To date, \$468 million has been committed, and nearly \$625 million of the emergency funds appropriated in March came from sources dedicated to capital improvements to water systems. Since March, the Department of Water Resources has expedited grant approvals, getting \$21 million immediately allocated to grantees that were pre-approved for certain projects.

As planned in March, the next \$200 million of expedited capital funding was awarded in October, and the remaining \$250 million will be granted by fall 2015. The 2014 Budget Act appropriated an additional \$53.8 million to CAL FIRE over its typical budget to enhance firefighter surge capacity and retain seasonal firefighters beyond the typical fire season.

As a result of continuing drought conditions, emergency legislation was enacted in March 2015 that appropriated over \$1 billion of additional funds for drought-related projects and activities. The Administration's May Revision proposal includes an additional \$2.2 billion for programs that protect and expand local water supplies, improve water conservation, and provide immediate relief to impacted communities.

CURRENT DROUGHT CONDITIONS

- **Recent Precipitation:** Over the weekend California received widespread precipitation with totals ranging from over 3 inches throughout the North Coast to hundredths in Santa Barbara. Snow has started to fall in trace amounts across the Sierra Nevada, while Southern California remains dry. The accumulation of rainfall in the regional areas for the Northern Central and Southern Sierra shows rainfall approaching the driest year on record in the North, just above average in the Central, and above the wettest year in the upper Tulare watersheds.

Below are precipitation totals (in inches) from October 30 through November 10, and year-to-date rainfall based on the water year cycle (October 1, 2015 to September 30, 2016).

- **Bakersfield:** 0.28" (0.42")
 - **Paso Robles:** 0.78" (0.84")
 - **Fresno:** 1.02" (1.51")
 - **Yosemite:** 2.95" (6.16")
 - **Los Angeles:** 0.00" (0.45")
 - **Stockton:** 1.48" (1.69")
 - **San Francisco:** 0.80" (0.80")
 - **Monterey:** 2.70" (2.84")
 - **Redding:** 0.45" (0.72")
 - **Riverside:** 0.22" (0.38")
 - **Sacramento:** 1.18" (1.30")
 - **San Diego:** 1.15" (1.58")
 - **Mount Shasta:** 0.44" (0.96")
 - **South Lake Tahoe:** 1.84" (3.11")
- **Fire Activity:** Since the beginning of the year, firefighters from CAL FIRE and the U.S. Forest Service have responded to over 8,069 wildfires across the state, burning 824,499 acres. Fire activity across California remains high with nearly 234 combined wildfires in just the past two weeks.

- **CAL FIRE Burn Suspension Status:** Due to cooler temperatures and recent rains, CAL FIRE has lifted the burn suspension in the State Responsibility Area in Northern California and portions of Central California, allowing residential outdoor burning of landscape debris with a permit.

CAL FIRE continues to monitor weather conditions closely and has the ability to increase staffing should the weather conditions change or if there is a need to support wildfire activity and any other emergencies in the State. For additional information on preparing for and preventing wildfires, please visit <http://www.readyforwildfire.org/>.

- **Dry Well Reports:** With California at the end of its fourth year of a severe, hot drought, the Governor's Drought Task Force continues to monitor and identify communities and local water systems in danger of running out of water. Over the summer, a cross-agency team, led by DWR, developed a new system that improves and streamlines data collection and reporting for [household water shortages](#) for California water systems with fewer than 15 household connections.

As of November 4, approximately 2,617 wells statewide have been identified as critical or dry, which affects an estimated 13,085 residents. Cal OES has reported that 2,470 of the 2,617 dry wells are concentrated in the inland regions within the Central Valley. If you are experiencing a water supply shortage, please [submit a report](#) on DWR's website.

- **Vulnerable Water Systems:** The State Water Board continues to provide technical and funding assistance to several communities facing drinking water shortages, and is monitoring water systems across the state. Since January 2014, 101 out of the 139 projects approved to receive emergency funding for interim replacement drinking water have been executed.

On May 19, the State Water Board adopted Guidelines for administering the latest emergency drought appropriations of \$19 million announced this past March. To date, the State Water Board has received requests for \$5.9 million of those funds.

- **Projected Reservoir Management:** Since the last report on October 30, Central Valley reservoirs from Shasta and Trinity in the North to Isabella in the South had a net loss in storage of 73,427 acre-feet (AF) with a total gain of 10,898 AF and a total loss of 76,887 AF. Shasta Reservoir decreased by 28,101 AF, while San Luis Reservoir, an off-stream reservoir for the Central Valley Project and State Water Project, decreased its storage by 4,199 AF. Oroville Reservoir recorded 1,014,072 AF on October 29 with a 10-day average reduction in storage of 3,013 AF/day. Folsom Reservoir recorded 150,071 AF on October 29 with a 10-day average reduction in storage of 918 AF/day.

[Reservoir Levels](#) as of November 9 remain low, including: Castaic Lake 32% of capacity (43% of year to date average); Don Pedro 32% of capacity (49% of average); Exchequer 7% of capacity (15% of average); Folsom Lake 15% of capacity (29% of average); Lake Oroville 28% of capacity (46% of average); Lake Perris 36% (46% of average); Millerton Lake 33% of capacity (84% of average); New Melones 11% of capacity (20% of average); Pine Flat 12% of capacity (35% of average); San Luis 18% of capacity (33% of average); Lake Shasta 30% of capacity (51% of average); and Trinity Lake 20% of capacity (31% of average). An update of water levels at other [smaller reservoirs](#) is also available.

- **Weather Outlook:** A low pressure system will move inland Tuesday with showers ending from the northwest during the morning and with gusty west winds continuing for the mountains and deserts into the afternoon. Dry and warmer conditions are expected for the remainder of the week with periods of gusty northeast winds near the coastal foothills. Cooler temperatures with a return of onshore flow are forecasted for Sunday and Monday as a trough of low pressure moves inland through California.

Local Government

- **Local Emergency Proclamations:** A total of 62 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:
 - **28 Counties:** Butte, Colusa, El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
 - **13 Cities:** City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County), City of West Sacramento (Yolo County), City of Willits (Mendocino County) and the City of Fort Bragg (Mendocino County).
 - **9 Tribes:** Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
 - **12 Special Districts:** Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).
- **Water Agency Conservation Efforts:** The Association of California Water Agencies (AWCA) [has identified](#) several hundred local water agencies that have implemented water conservation actions. These water agencies [are responding to the drought](#) by implementing conservation programs, which include voluntary calls for reduced water usage and mandatory restrictions where water shortages are worst.

ACWA [released](#) a Drought Response Toolkit to assist water agencies as they take action to meet state-mandated water conservation target and communicate information about water use restrictions, enforcement and other issues with their customers, media and other audiences.

- **County Drought Taskforces:** A total of 33 counties have established drought task forces to coordinate local drought response. These counties include: Butte, Colusa, Glenn, Humboldt, Kern, Kings, Lake, Madera, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Orange, Placer, Plumas, Sacramento, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Siskiyou, Stanislaus, Solano, Sutter, Tehama, Trinity, Tulare, Tuolumne, and Yolo.
- **Tribal Taskforce:** A total of 7 tribes have established drought task forces to coordinate tribal drought response. These tribes include: Hoopa Valley Tribe (Humboldt County), Hopland Tribe (Mendocino County), Karuk Tribe (Siskiyou County), La Jolla Band of Luiseno Indians (San Diego County), Sherwood Valley Tribe (Mendocino County), Trinidad Tribe (Humboldt County), and Yurok Tribe (Humboldt and Del Norte County).

DROUGHT RELATED WEBSITES FOR MORE INFORMATION

[Drought.CA.Gov](#): California's Drought Information Clearinghouse

State's Water Conservation Campaign, [Save Our Water](#)
Local Government, [Drought Clearinghouse and Toolkit](#)

California Department of Food and Agriculture, [Drought Information](#)
California Department of Water Resources, [Current Water Conditions](#)
California Data Exchange Center, [Snow Pack/Water Levels](#)
California State Water Resources Control Board, Water Rights, [Drought Info and Actions](#)
California Natural Resources Agency, [Drought Info and Actions](#)
State Water Resources Control Board, Drinking Water, [SWRCB Drinking Water Program](#)
California State Water Project, [Information](#)

[U.S. Drought Monitor](#) for Current Conditions throughout the Region
[U.S. Drought Portal](#), National Integrated Drought Information System (NIDIS)
National Weather Service [Climate Predictor Center](#)
USDA Drought Designations by County [CA County Designations](#)
USDA Disaster and Drought Assistance Information [USDA Programs](#)
U.S. Small Business Administration Disaster Assistance Office

Cal OES Regional Administrator Contact & Tribal Point of Contact

Inland

Regional Administrator

Eric Lamoureux

CA Governor's Office of Emergency Services (Cal OES)

Inland Region

Office: (916) 657-9107

Cell: (916) 524-0350

24/7 Emergency Contact: (916) 845-8911

Eric.Lamoureux@caloes.ca.gov (*NEW ADDRESS*)

Twitter-@EricALamoureux

Tribal Point of Contact

Kyle Noderer

Emergency Services Coordinator, Inland Region

California Governor's Office of Emergency Services (Cal OES)

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Cell: (916) 709-5492

kyle.noderer@caloes.ca.gov

Coastal

Regional Administrator

Jodi Traversaro

CA Governor's Office of Emergency Services (Cal OES)

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Cell: (415) 539-9137

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Tribal Point of Contact

Roger Sigtermans

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Cell: (415) 298-3550

Roger.Sigtermans@caloes.ca.gov

Southern

Regional Administrator

Mona Bontty

CA Governor's Office of Emergency Services (Cal OES)

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Los Alamitos, CA 90720

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Cell: (562) 673-0411

Mona.Bontty@caloes.ca.gov

Tribal Point of Contact

Bill Martinez

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Cell: (714) 460-3913

bill.martinez@caloes.ca.gov

Monday Bi-Weekly Meeting/Conference Call

1100-1200 hours

Cal OES HQ-SOC Breakout Room #6

Conference Line: 866-768-8564

Code: 7526714#

State-Federal Flood Operations Center

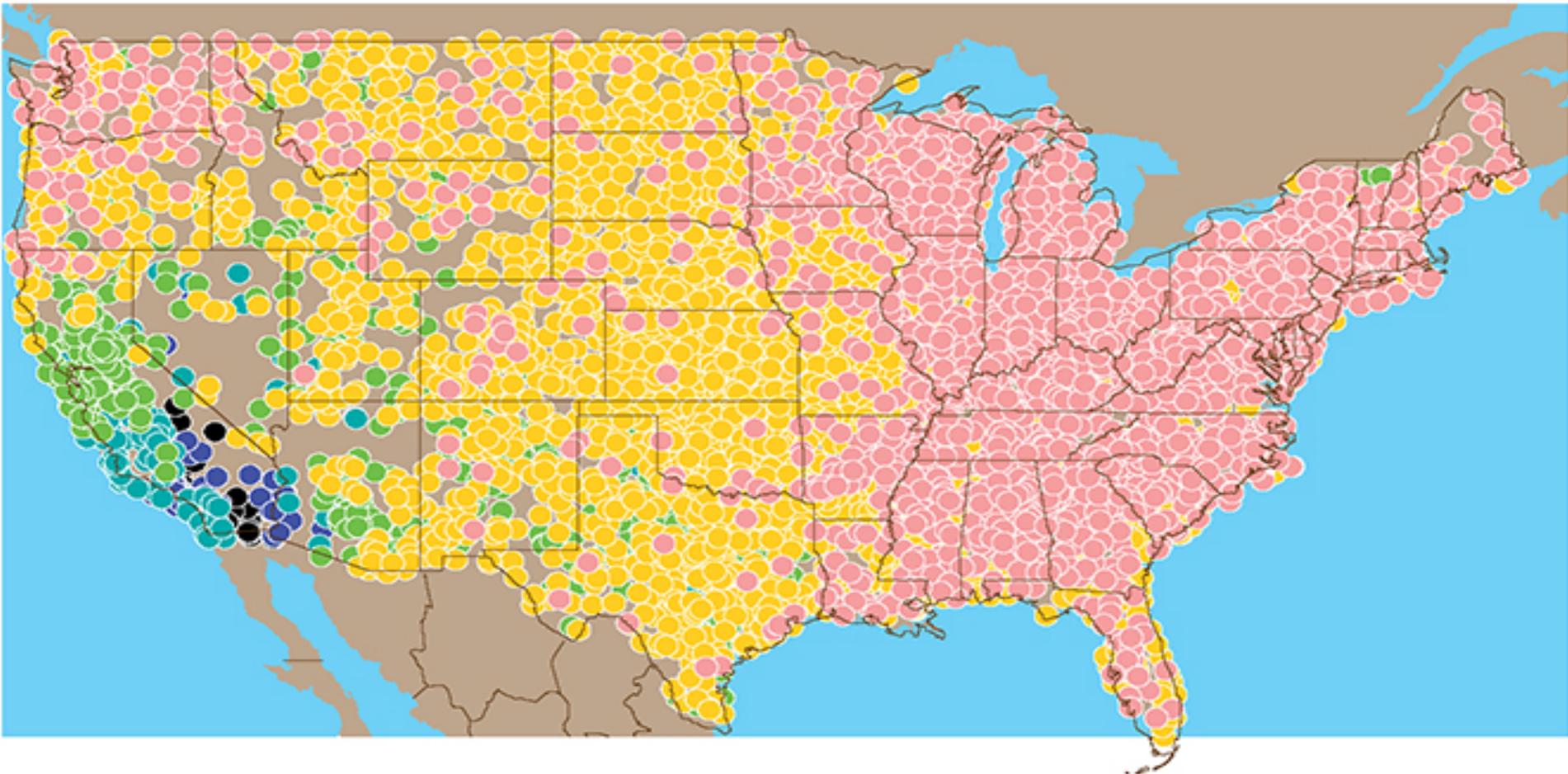
Flood Preparedness



Patricia Clark

State-Federal Flood Operations Center
Division of Flood Management
California Department of Water Resources

California Precipitation is Uniquely Variable



Variation of Total Precipitation, Water Years 1951-2008

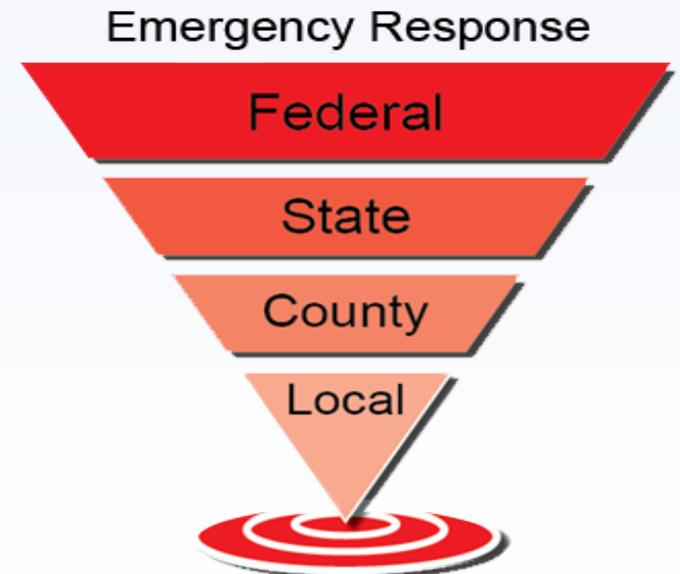
$\frac{\text{Std Dev of Annual Precipitation}}{\text{Mean Annual Precipitation}}$



DWR Emergency Response

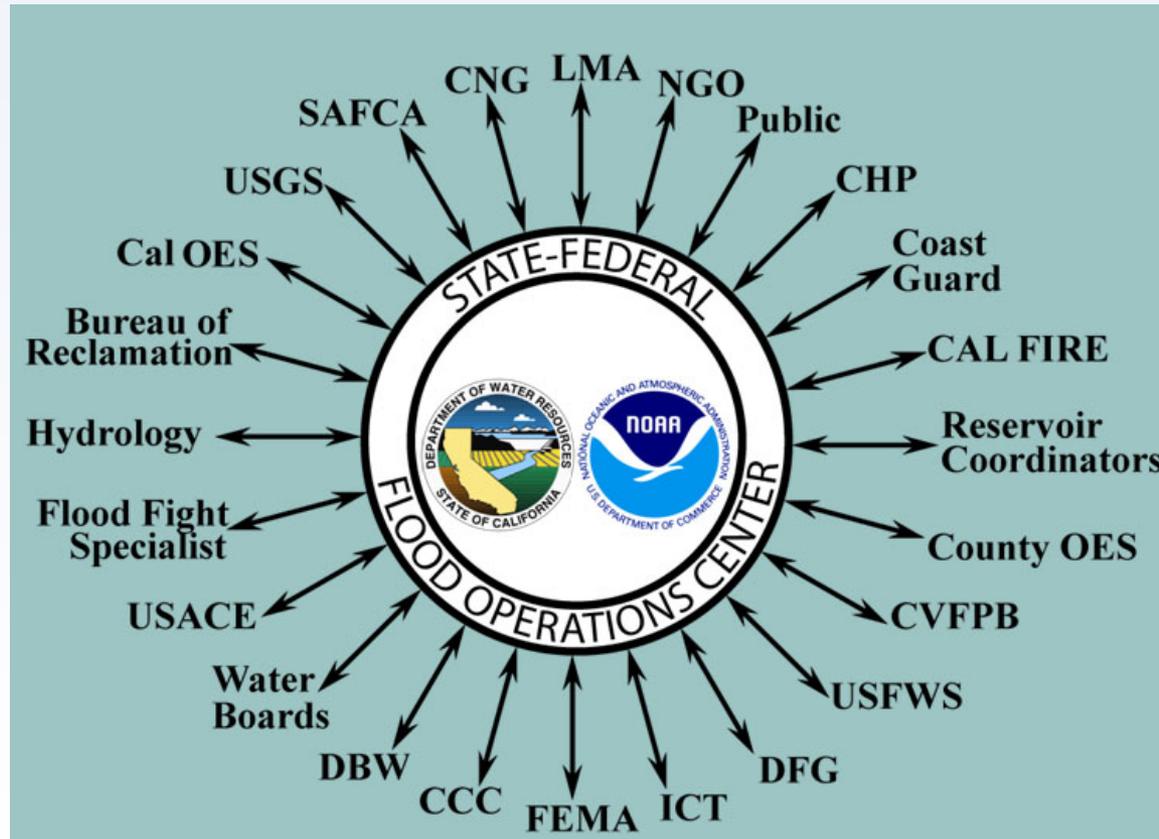
- Priorities
 - Life, property, and infrastructure
 - Water quality and water supply
 - Environment

- Operate under SEMS



Flood Operations Center

Year-round, the FOC provides a focal point for **gathering**, **analyzing**, and **disseminating** information to get the right information to the right people



Flood Operations Center

Manages DWR's flood emergency response

Coordinates:

- Local agency/OA requests for State technical and direct assistance
- Flood fight activities
- Federal technical and emergency assistance under Public Law 84-99

Does NOT:

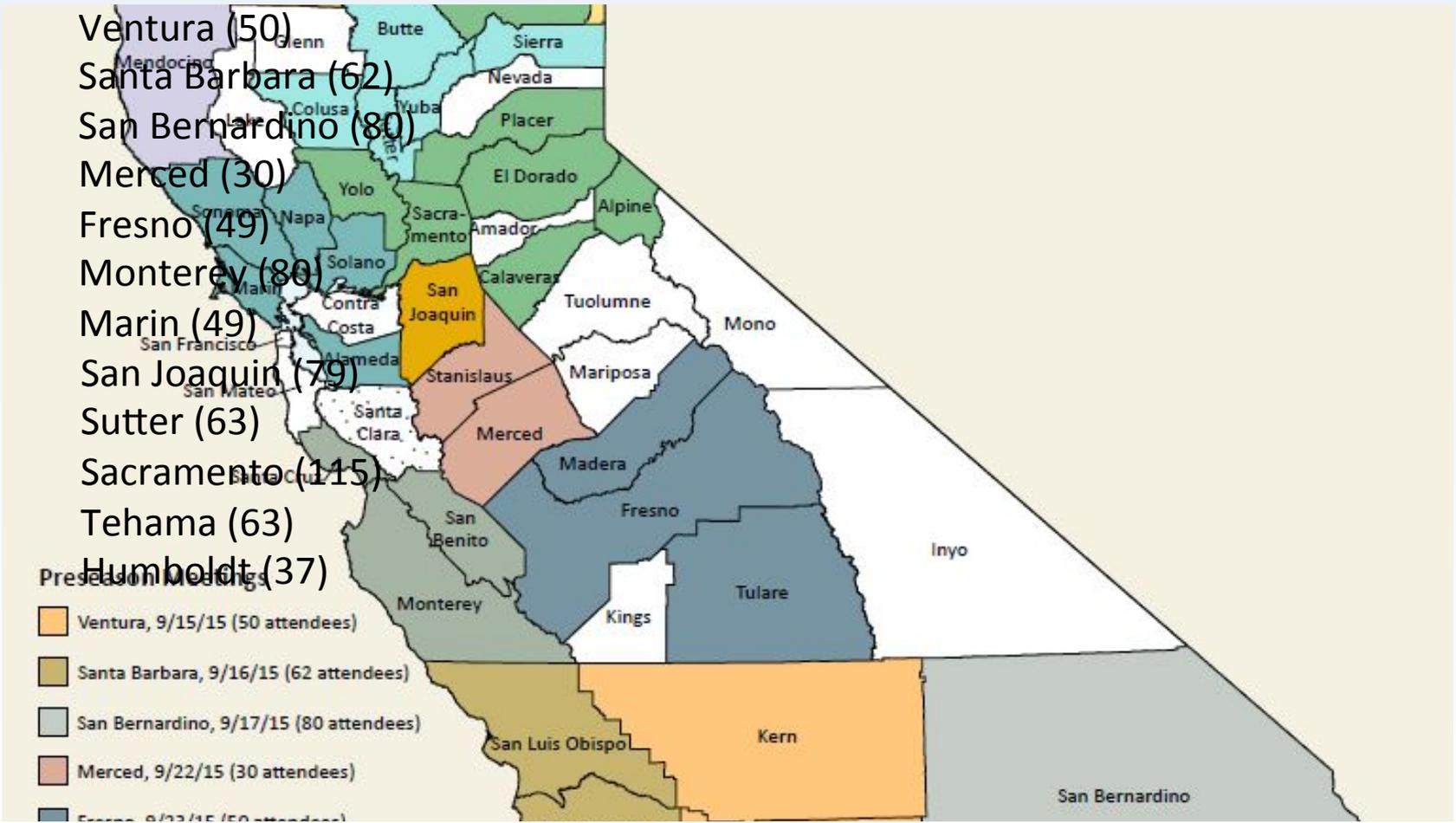
- Declare emergencies
- Order evacuations
- Repair levees



Preseason Flood Coordination Meetings

- 9/15 Ventura (50)
- 9/16 Santa Barbara (62)
- 9/17 San Bernardino (80)
- 9/22 Merced (30)
- 9/23 Fresno (49)
- 9/24 Monterey (80)
- 10/2 Marin (49)
- 10/13 San Joaquin (79)
- 10/15 Sutter (63)
- 10/22 Sacramento (115)
- 10/27 Tehama (63)
- 10/29 Humboldt (37)

- Preseason Meetings
- Ventura, 9/15/15 (50 attendees)
 - Santa Barbara, 9/16/15 (62 attendees)
 - San Bernardino, 9/17/15 (80 attendees)
 - Merced, 9/22/15 (30 attendees)
 - Fresno, 9/23/15 (49 attendees)



Flood Fight Materials

- Stored at 12 locations from Eureka to Los Angeles
- 87 containers
- 2.7 million sandbags
- Plastic sheeting, twine, wood stakes, Muscle Wall, HESCO, etc.
- In 2015, 12 containers pre-positioned across the state



Flood Fight Methods Training

**Morning: classroom
instruction**

**Afternoon: hand-on
field activities**



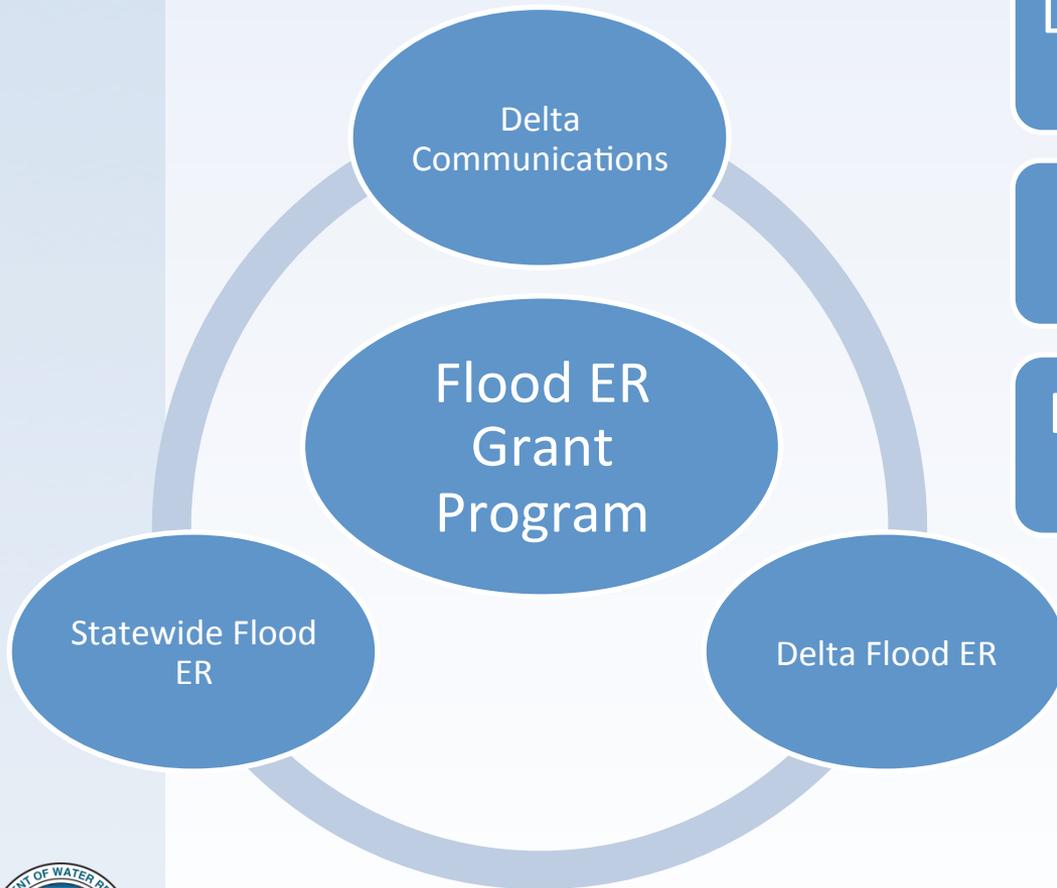
Dustin Sanoski, P.E.
Water Resources Engineer
3310 El Camino Ave.
Sacramento, CA 95821
Dustin.Sanoski@water.ca.gov
(916) 574-2619



Flood Fight Methods



Current Flood ER Grant Types



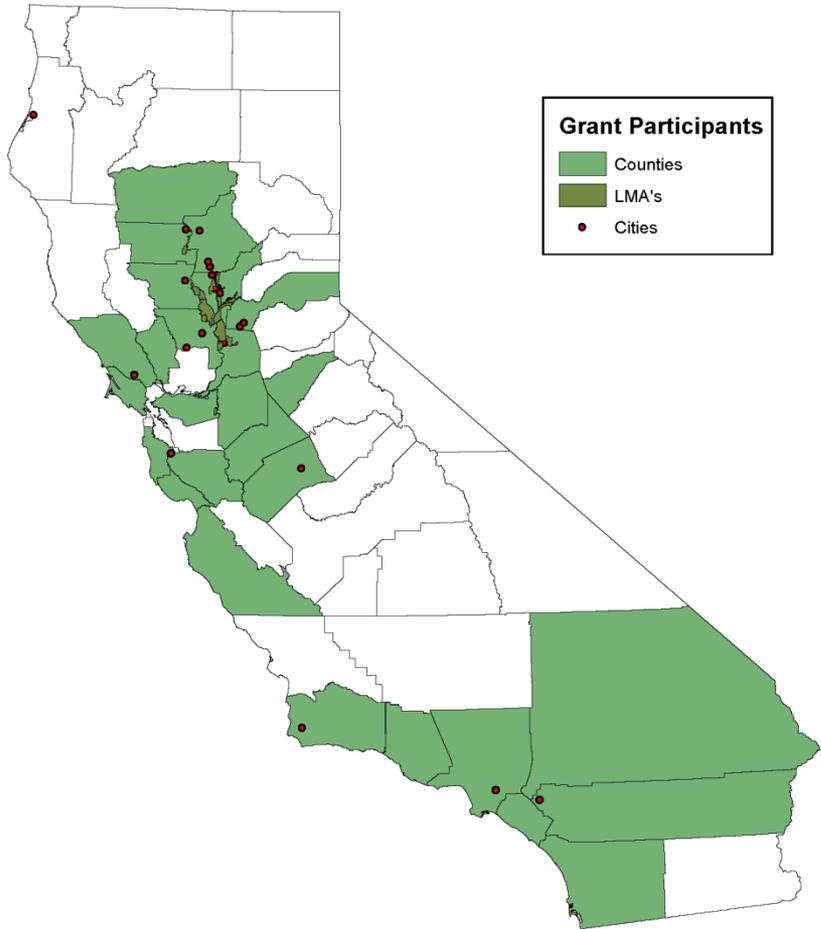
Delta Communications – \$5 Million in Prop. 84 funding

Statewide Flood ER – \$10 Million in Prop. 84 funding

Delta Flood ER - \$ 5 Million in Prop. 1E Funding



Statewide Flood ER Grant Awardees



34 Projects Funded

189 Participating Agencies

Over \$24 million in requested funds

FLOOD EMERGENCY RESPONSE PROJECTS - STATEWIDE GRANT PROGRAM

Flood ER Grant Program				
Solicitation	Award Date	Projects	Participants	Amount
Delta Communications	4/2/2012	6	6	\$5M
Statewide Round 1	9/11/2013	14	86	\$5M
Delta Round 1	5/30/2014	6	125	\$5M
Statewide Round 2	Sep-15	20	103	\$5M
Delta Round 2	TBD	TBD	TBD	\$5M
Statewide Round 3	TBD	TBD	TBD	\$5M

Future Grant Opportunities

Additional rounds of funding for Statewide and Delta grants

Third Statewide Grant proposal solicitation package expected 2016

Second Delta Grant proposal solicitation package anticipated spring 2016

Up to \$5000 in application cost reimbursement for successful applicants

Questions?

- FOC 24-Hour Phone Number: **(916) 574-2619**
- Resources:
 - DWR Division of Flood Management
 - www.water.ca.gov/floodmgmt
 - California Data Exchange Center (CDEC)
 - <http://cdec.water.ca.gov>
 - California Nevada River Forecast Center
 - <http://www.cnrfc.noaa.gov/>
 - Flood Emergency Management System (FEMS)
 - <http://fems.water.ca.gov>
 - Division of Flood Management
 - www.water.ca.gov/floodmgmt
 - Delta – www.delta.ca.gov
 - FEMA Flood Insurance – www.floodsmart.gov



California Fish & Game Commission

Sonke Mastrup
Executive Director &
Tribal Liaison



Sonke.Mastrup@fgc.ca.gov

(916)799-0398

1416 9th St., Suite 1320

Sacramento, CA 95814

Domoic Acid Impacts

**Dungeness and Rock
Crab**

Domoic Acid Threat

- Massive toxic bloom of the marine diatom *Pseudo-nitzschia*
- Produces a potent neurotoxin, known as domoic acid (DA), which can accumulate in shellfish, other invertebrates
- Leading to illness and death in a variety of birds and mammals
- Persistently high levels of DA in Dungeness and Rock crab

Domoic Acid Threat

- DA levels exceed State's action level for the crabs' body meat as well as the viscera
- Pose a significant risk to the public if they are consumed
- OEHHA, in consultation with CDPH, has recommended the fisheries be closed

Recreational Crab Closure

- Regulation prohibits recreational take and possession of Dungeness crab and all rock crab from ocean waters, including bays and estuaries, north of the Ventura/Santa Barbara county line.
- Closure in effect until OEHHA and CDPH determine that domoic acid levels no longer pose a significant risk to public health and no longer recommends the fishery be closed.

Commercial Crab Closure

- CDFW delayed the start of the commercial Dungeness crab season currently scheduled to start Sunday, November 15.
- CDFW also closed the commercial rock crab fisheries in the affected area.

Commercial D-Crab Closure

- Reopening procedures are designed to maintain the existing structure by providing the recreational sector fishing opportunities prior to the start of the commercial season

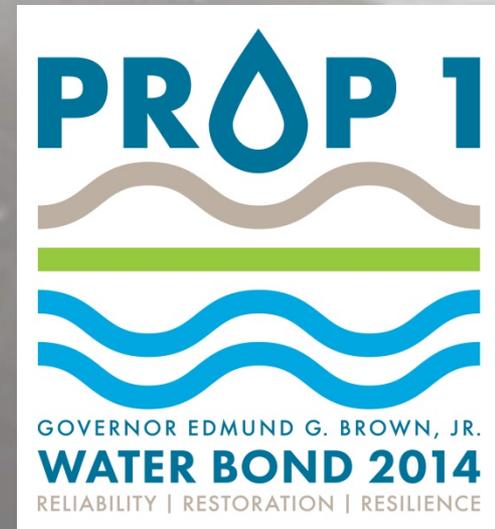
Information

- <http://www.cdph.ca.gov/HealthInfo/Pages/fdbDomoicAcidInfo.aspx>
- <https://www.wildlife.ca.gov/Conservation/Marine/Invertebrates/Crabs#315201115-links-to-the-latest-information>

Ocean Protection Council: Prop 1 Update

Jenn Phillips

Jennifer.phillips@resources.ca.gov



OPC's Prop 1 Grant Guidelines

Unanimously approved at Sept 22 council meeting

Total allocation to OPC from Prop 1 Chapter 6: 'Protecting Rivers, Lakes, Streams, Coastal Waters and Watersheds'

- \$30 million

Current Allocation for Grants

- FY15/16 \$9.3 million

Anticipated Future Allocations

- FY17/18
- FY19/20

OPC's Key Issue Areas for Prop 1

Marine Managed Areas

- ✓ Improved ability for marine managed areas (MMAs) to meet their statutory goals.

Coastal and Ocean Water Quality Impacts

- ✓ Reduction of pollution and contaminants from sources including stormwater, non-point source discharges, agricultural runoff, etc.

Marine Debris

- ✓ Measurable reduction of marine debris

Innovative Marine and Estuarine Fisheries Management

- ✓ Sustainable fisheries practices that support and enhance marine and estuarine ecosystems with clear links to anadromous fish

Climate Change

- ✓ **Sea-level Rise:** risk reduction and improvement in resiliency of the built environment and natural environment in the face of sea-level rise
- ✓ **Ocean Acidification and Hypoxia:** reduction of stressors to marine and estuarine ecosystems

Solicitation period is now open - October 30 to December 1, 2015

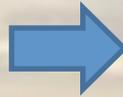
- Letters of Intent must be postmarked by December 1, 2015.
- Hand deliveries must be received by the Ocean Protection Council office by 5pm on December 1, 2015
- Proposition 1 grant guidelines, Letter of Intent Solicitation Notice and Application can be downloaded from our website (www.opc.ca.gov)
- OPC staff have developed a Letter of Intent Tutorial to assist potential applicants in completing the application and submission process. In addition to this, Prop 1 FAQs are also posted on our website

Anticipated Timeline*

Dec 2015
Letters of Intent due and evaluated by OPC staff



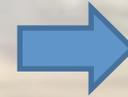
Jan 2015
Selected applications contacted to submit full proposals



March 2016
Full proposals due



Apr 2015
Full proposals evaluated by review panel



May 2016
Applicants contacted

- Selected projects will be presented for recommendation at subsequent OPC Council meeting
- *Timeline subject to change due to Council approval and staff capacity

Additional Timeline Considerations

- Once project is approved at an OPC Council meeting a grant agreement must be drafted and executed.
- Grant agreements generally contain:
 - Scope of Work
 - Proof of Insurance
 - Standard forms (STD 204)
 - Finalized project budget and timeline
 - Landowner agreements
 - Land tenure agreements

Additional Details and FAQs

- Project amounts :
 - The minimum award is \$250,000. However, the OPC will consider an exemption to this minimum for disadvantaged community applications.
 - We anticipate having roughly 3 solicitation rounds for our first allocation. We have not set a cap on maximum award due to the wide range of project areas and project types.
- Review panel:
 - The review panel may include state and federal agency staff and others with relevant expertise. The panel will be formed after OPC receives the LOIs

Thanks! And contact info:

Jenn Phillips – OPC Program Manager and Tribal Liaison

Jennifer.phillips@resources.ca.gov

Nick Sadrpour – Sea Grant Fellow and Prop 1 lead

nick.sadrpour@resources.ca.gov

Please also visit our webpages for more info:

www.opc.ca.gov

<http://bondaccountability.resources.ca.gov/p1.aspx>

The California Drought, Bark Beetles and Tree Mortality



Governor's Drought Task Force
Tribal Consultation Webinar
November 17, 2015

Color Change in the pines





- California is in its 4th year of record drought resulting in widespread tree mortality and a major bark beetle epidemic

Southern Sierra Nevada - 2009



Image USDA Farm Service Agency

Google earth

Southern Sierra Nevada - 2014



Bark Beetles

- Native California insects
- Attack trees under stress
- Normally found in low numbers
- Have reached epidemic levels due to drought



Pitch Tubes



Pitch tubes of the western pine bark beetle

Impacts of Bark Beetles



Control



- The bark beetle epidemic is not going to end until we either get a couple of years of normal rainfall or the beetles run out of trees to attack
- Best local control is removal of infested trees and thinning of over-stocked stands

Control



Control and removal of hazard trees can be very expensive

The Southern Sierra Nevada



Stanislaus National Forest



Sierra National Forest

WILDFIRE IS COMING. ARE YOU READY?

HOME

[BEING READY](#) [GETTING SET](#) [GO! EVACUATION GUIDE](#) [IMPORTANT INFO](#)

Risk from Bark Beetles

Bark Beetles are killing millions of trees in California. Dead trees become fuel for wildfire.

Tiny insect creatures – Bark Beetles – are greatly increasing the risk of wildfire in California. Bark Beetles are attracted to trees weakened by drought and are killing them. These dead trees become ready fuel for wildfires, increasing risk to homes, property and lives in an already dangerous wildfire situation.

Bark Beetles have been in California longer than people. The beetles aren't dangerous under normal circumstances, but when trees are weakened due to lack of water from prolonged drought, they are more susceptible to attacks from Bark Beetles. More than 12 million trees, mostly conifers, have already died from Bark Beetles in California. In some communities up to 85 percent of the forest trees have been killed, becoming dry fuel, just waiting to go up in flames.

What can be done? By being proactive you can make a very important difference to help reduce your wildfire risk: first by removing dead trees on your property, especially around your home. Next, homeowners should properly maintain the trees on their property by thinning overgrown trees and watering as necessary. All of these steps will help create a healthy, more resilient forest for generations to come.

REMEMBER
Dead trees fuel wildfires.
Remove your dead trees and reduce your wildfire risk.
Protect your family, home, property and community!

What To Do

If you think Bark Beetles may be infesting trees on your property, check out this information:

- [Signs of Bark Beetle Infestation](#)
- [Dead Tree Removal](#)
- [About Bark Beetles](#)
- [Preventing Bark Beetle Infestation in Healthy Trees](#)
- [Assistance for Private Forest Owners](#)



[Signs of Bark Beetle Infestation](#)



[Dead Tree Removal](#)



[Curious About Bark Beetles?](#)



[Preventing Bark Beetle Infestation](#)



[Assistance for Private Forest Owners](#)

Follow Us:    

For More Information:

Through the Cal Fire website or the site below anyone can find as much detailed information as they may possibly want

- www.prepareforBarkBeetles.org



Contacts

Contact CAL FIRE Forest Pest Management staff here:

Cascade and Northern Sierra Don Owen 6105 Airport Road Redding, CA 96002 (530) 224-2494 don.owen@fire.ca.gov	North Coast Chris Lee 118 S. Fortuna Blvd. Fortuna, CA 95540-2705 (707) 726-1254 christopher.lee@fire.ca.gov
Central and Southern Sierra Tom Smith P.O. Box 944246 Sacramento, CA 94266-2460 (916) 599-6882 tom.smith@fire.ca.gov	South Coast and Southern CA Kim Corella 635 N. Santa Rosa San Luis Obispo, CA 93405 (805) 550-8583 kim.corella@fire.ca.gov

Governor's Office Tribal Drought Call Update November 2015



Gita Kapahi, Tribal Liaison
State Water Resources Control Board
November 17, 2015

State Water Resources Control Board
1001 I Street
Sacramento, CA 95814

TOPICS TO BE DISCUSSED

- Notice of Diversion Opportunity
For All Post-1914 Water Rights
- Critical Fishery Needs

NOTICE OF DIVERSION OPPORTUNITY FOR ALL POST-1914 WATER RIGHTS FOR THE SACRAMENTO AND SAN JOAQUIN RIVER WATERSHEDS AND THE SACRAMENTO-SAN JOAQUIN DELTA

- Due to forecasted precipitation, diversion opportunities originally announced on Monday November 2nd will remain in effect for all water right holders in the Sacramento and San Joaquin River watersheds and the Sacramento-San Joaquin Delta until further notice with two exceptions:
 - Water rights for which Term 91 is currently in effect
 - Water rights subject to curtailment orders for fishery protection.
- This notice is applicable beginning Friday November 6th and will remain in effect until further notice.

RESPONSE TO CRITICAL FISHERY NEEDS

- Critical fisheries needs for minimal fish passage resulted in limited duration curtailment of water rights in the Deer Creek and Antelope Creek watersheds. When fall migration of salmonids occurs, diversion limitations may be re-imposed.
- On the Scott River, protection of a U.S. Forest Service instream flow right resulted in curtailment of junior rights.

RESPONSE TO CRITICAL FISHERY NEEDS

- In the Russian River watershed, the State Water Board adopted an emergency regulation to help protect federal- and state-listed anadromous fish in four priority tributaries (Dutch Bill Creek, Green Valley Creek, portions of Mark West Creek and Mill Creek). The emergency regulation requires:
 - Enhanced water conservation in critical areas of the four watersheds; and
 - Information on water use if requested by the State Water Board.

STATE WATER BOARD CONTACTS

- **Thomas Howard, Executive Director**
Thomas.Howard@waterboards.ca.gov, 916-341-5615
- **Felicia Marcus, Board Chair**
Felicia.Marcus@waterboards.ca.gov, 916-341-5603
- **Gita Kapahi, Office of Public Participation, Tribal Liaison**
Gita.Kapahi@waterboards.ca.gov, 916-341-5501



Introduction

**Indian Health Service, California Area
Office of Environmental Health & Engineering (OEHE)**

**State Drought Tribal Consultation Calls
Sacramento, CA. November 17, 2015**

Don Brafford, Chris Brady, Luke Schulte
Division of Sanitation Facilities Construction
Indian Health Service, California Area



General Updates and Activities

- The Indian Health Service (IHS) has updated the high and moderate risk maps for tribal water systems impacted by the four year drought (See Risk Maps on next slide).
- California is under El Nino conditions and the hope is for above average precipitation this year, however, it will take a long time to recover from the drought that has lasted over four years.
- IHS will be moving to monitoring tribal water systems for drought risk on a quarterly basis.



Tribal water systems at high risk due to drought conditions

Updated November 9, 2015— Updates will be made as conditions change and information becomes available.



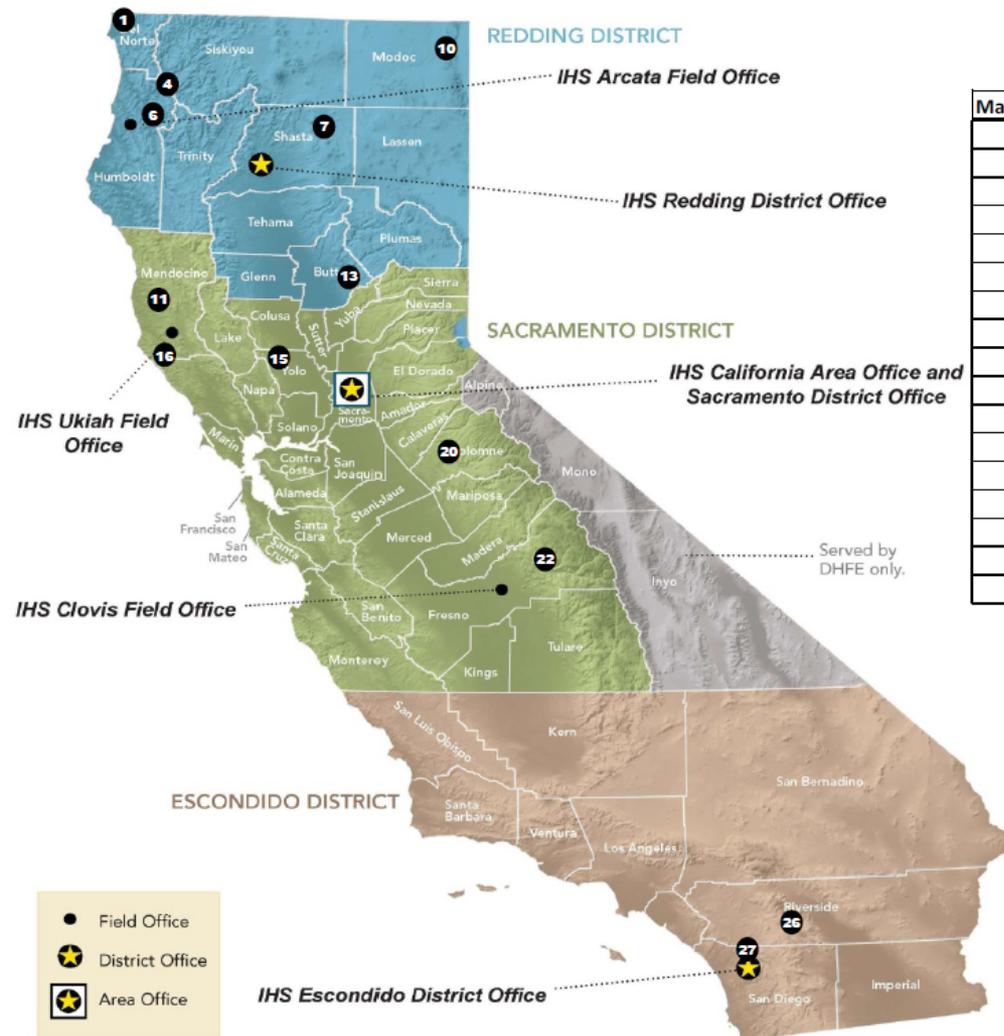
Map #	Tribe	System Name	# of Indian Homes
11	Sherwood Valley	Original Sherwood Valley Rancheria	16
5	Yurok	Owl Creek/Tulley Creek	8
5	Yurok	Kepeel	17
5	Yurok	Wautec (aka Johnson's Village)	14
12	Redwood Valley Rancheria	Redwood Valley County Water District	31
14	Coyote Valley	RDWVLY County Water District	33
24	Tule River	Main	282
24	Tule River	Cow Mountain	9
10	Grindstone Rancheria	Grindstone CWS	51
24	Tule River	Apple Valley	9
21	Big Sandy	Big Sandy CWS	46
17	Kashia Band of Pomo Indians	Stewarts Point CWS	17

Total Systems to Date = 12



Tribal water systems at moderate risk due to drought conditions

Updated November 9, 2015— Updates will be made as conditions change and information becomes available.



Map #	Tribe	System Name	# of Indian Homes
10	Fort Bidwell	Fort Bidwell community water system	48
6	Hoopla Valley Tribe	Hoopla CWS	746
7	Pit River	Montgomery Creek	10
15	Cortina	Cortina Band of Winton System	6
7	Pit River	XL	18
13	Enterprise Rancheria	Eagle Crest Estates	13
26	Santa Rosa Reservation	Santa Rosa Water System	36
11	Sherwood Valley	City of Willits	35
4	Karuk Tribe	Somes Bar	2
27	Pauma	Pauma	60
11	Sherwood Valley	Mitomkai (Eastside Ranch-Lockhart)	15
1	Smith River Rancheria	Howonquet	46
4	Karuk Tribe	Orleans CSD	51
22	Cold Springs	Coyote Drive System	7
16	Manchester/Pt Arena	Pt Arena Side	58
20	Tuolumne	Tuolumne System	76
22	Cold Springs	Main	37

Total Systems to Date = 17



General Updates and Activities

- In response to the 2014-2015 emergency drought conditions in California, state and federal agencies conducted numerous coordination activities for planning and response to drinking water supply issues impacting California Indian Tribes (Tribes).
- As part of this effort, with state and federal agencies assistance, IHS drafted a Handbook with the intent of creating a framework for coordination and effective response among state and federal agency stakeholders involved in providing resources for emergency drinking water supply to Tribes.



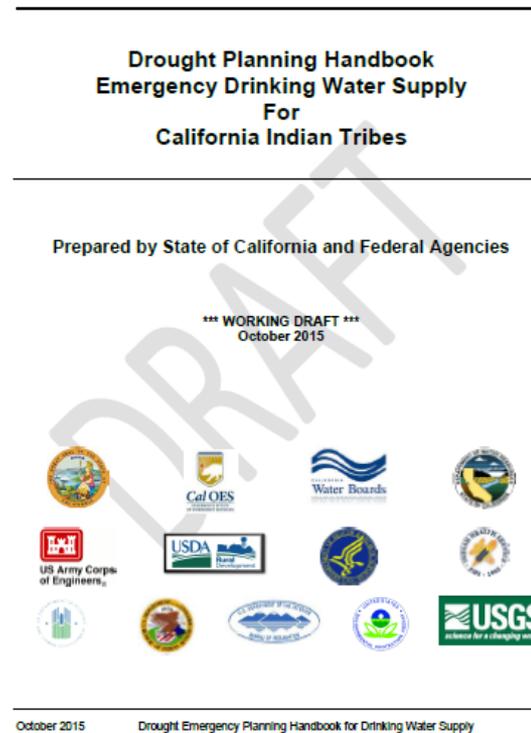
General Updates and Activities

- **The scope of this Handbook is for emergency drinking water supply, and primarily applies to public water systems; however, it may also be applicable to small and individual water systems depending on the mandate of the specific agency and its program.**
- **This Handbook identifies state and federal agency programs and resources available to assist with providing emergency drinking water supply to Tribes.**
- **Information used to develop this Handbook is based on the Cal OES *Emergency Drinking Water Procurement and Distribution Planning Guidance* (May 2014).**



General Updates and Activities

- The Drought Planning Handbook (Draft) is located at the IHS website: <http://www.ihs.gov/california/index.cfm/offices/oehe/dsfc/drought-2015/>





IHS California Area Drought Website

California Area INDIAN HEALTH SERVICE

[CA Home](#) [CA Site Map](#) [CA Member Portal Access](#)

[HEALTH PROGRAMS](#) [TRIBAL CONSULTATION](#) [NEWS & EVENTS](#) [ABOUT US](#) [OFFICES](#) [FAQS](#)

[Home](#) [Offices](#) [Office of Environmental Health & Engineering \(OEHE\)](#) [Division of Sanitation Facilities Construction \(DSFC\)](#) [Drought 2015](#)

[Contact Information - OEHE Staff](#)

[Division of Environmental Health Services \(DEHS\)](#)

[Division of Health Facilities Engineering \(DHFE\)](#)

[Division of Sanitation Facilities Construction \(DSFC\)](#)

[Drought 2015](#)

[DSFC Focus](#)

[Healthy Homes](#)

Drought 2015

Office of Environmental Health and Engineering (OEHE)

With the release of the emergency drought declaration by the state of California, the Indian Health Service/California

Area Office (IHS/CAO) is concerned that tribal community water systems could be impacted by one of the driest winters on record in California. Precipitation in January across the Northern Sierra -- a region crucial to statewide water supplies -- was just 20 percent of average.



Division of Sanitation Facilities Construction

Drought contingency planning tools/resources:

[Drought Assessment Form for Tribal Drinking Water Systems](#) (PDF)

[Map of California Tribal Water Systems at Highest Risk Due to Drought Conditions](#) (PDF)

[Drought Contingency Plan TEMPLATE](#) (DOCX)

[List of local Office of Emergency Services by County](#) [State of California, Offices of Emergency Services](#)

[Free California Drinking Water Workshops](#) [Rural Community Assistance Corporation](#)

[Emergency Community Water Assistance Grants \(USDA\)](#) [US Department of Agriculture](#)

[US Bureau of Reclamation Water Shortage Contingency/Drought Planning Handbook](#) [US Bureau of Reclamation](#)

[List of California licensed water haulers](#) [State of California, Department of Public Health](#)

Public health tools/resources:

[Emergency Preparedness - Hospital Water Disruption Best Practices](#) [California Hospital Association](#)

[When Every Drop Counts: Protecting Public Health During Drought Conditions](#) [Centers for Disease Control and Prevention](#)

[Public Health and Drought](#) [Centers for Disease Control and Prevention](#)



IHS Regional Contact Information

IHS office locations and contacts: Listed below are the Indian Health Service office locations and contacts. Please contact the office nearest you.

Location	Primary contact name	Phone number
Arcata Field Office	Barry Jarvis	707-822-1688
Redding District Office	Andy Huray	530-246-5339
Ukiah Field Office	Charles Thompson	707-462-5314
Sacramento District Office	David Mazorra	916-930-3960
Clovis Field Office	Matt Mergenthaler	559-322-7488
Escondido District Office	Sean Bush	760-735-6880

For additional information, please see the IHS California Area website at:

<http://www.ihs.gov/california/index.cfm/about-us/field-offices/>

Open Forum for Tribal Feedback and Discussion

1. Tribal Chairman
2. Tribal Designee
3. Open Forum

Governor's Drought Task Force Next Tribal Consultation

SAVE THE DATE:

March 2016



THANK YOU

Cynthia Gomez

Tribal Advisor

Office of Tribal Advisor

Office of Governor Edmund G. Brown Jr.

1550 Harbor Boulevard, Suite 100

West Sacramento, California 95691

Office: (916) 373-3718

For more information contact:

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Chief Deputy, Office of Tribal Advisor

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