



OFFICE OF THE GOVERNOR

Drought Task Force Tribal Consultation

March 18, 2016

Participating State/ Federal Partners

- Cynthia Gomez, Governor's Office
- Nancy Ward, Cal OES
- Barbara Evoy, SWRCB
- Jim Maughan, SWRCB
- Stafford Lehr, CDFW
- S. Greg Farley, DWR
- Arthur Hinojosa, DWR
- Anecita Agustinez, DWR
- Dore A. Bietz, Tuolumne Band of Me-Wuk Indians
- Don Brafford, IHS
- Chris Brady, IHS
- Carolyn Garcia, IHS



Governor's Drought Task Force



Cal OES
CALIFORNIA OFFICE OF
EMERGENCY SERVICES



Monthly Tribal Consultation Webinar/ Call on 2016 Drought Response

March 18, 2016

10:00 a.m. - 11:30 a.m.

Location: CA Environmental Protection Agency Building
1001 I Street, Sacramento, CA 9581

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) Nancy Ward, Chief Deputy Director
10:10 - 10:25 am	Conservation Target Temporary Urgency Change Orders Basin report	STATE WATER RESOURCES CONTROL BOARD Barbara Evoy, Deputy Director Division of Water Rights Jim Maughan, Assistant Deputy Director Division of Financial Assistance
10:25 - 10:35 am	Drought Rapid Assessment Fisheries Restoration Program	CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE Stafford Lehr, Fisheries Branch Chief
10:35 - 10:45	Groundwater Prop 1 Funding	DEPARTMENT OF WATER RESOURCES (DWR) Arthur Hinojosa, IRWM Division Chief S. Greg Farley, DWR Drought Manager Anecita Agustinez, DWR Tribal Policy Advisor
10:45 - 10:55 am	Tree Mortality Task Force BIA Natural Resources - funding	TUOLUMNE BAND OF ME-WUK INDIANS Dore A. Bietz, Planner/Emergency Manager
10:55 - 11:05 am	Current Update Annual IHS Meeting	INDIAN HEALTH SERVICES, CALIFORNIA AREA (IHS) Don Brafford, P.E., Director Chris Brady, P.E., Deputy Director Carolyn Garcia, REHS, MSPH, Director Division of Environmental Health Services
11:05 - 11:30 am	Drought impacts/ concerns Tribal Comments/ Open Discussion Closing Remarks	1 st Tribal Chairman 2 nd Tribal Designee 3 rd Open Forum Cynthia Gomez, Tribal Advisor

Governor's Office of Emergency Services

Nancy Ward

Chief Deputy Director





Drought Update

Wednesday, March 2, 2016

KEY ACTION ITEMS FROM THIS WEEK

- Californians Save 1.1 Million Acre-Feet of Water, Urged to Stay Focused on Conservation:** On February 25, the State Water Board [announced](#) that Californians missed Governor Brown's 25 percent water conservation mandate in January, as urban water suppliers reported a cumulative savings of 24.8 percent for the eight months since mandatory conservation began. With more than 1.1 million acre-feet of water conserved since June 2015 through January 2016, the state is 96 percent of its goal of 1.2 million acre-feet of water to be saved by the end of February.

Statewide, the conservation rate decreased from 18.4 percent in December 2015 to 17.1 percent in January, which equates to approximately 62,644 acre-feet. However, the average per capita water use declined from 67 gallons per person per day in December 2015 to 61 gallons in January 2016, the lowest per-person rate since water-use reporting began in June 2014.
- 2016 Emergency Regulation Takes Effect; Information Updated on State Water Board Website:** On February 12, the Office of Administrative Law [approved](#) the 2016 Emergency Conservation Regulation adopted by the State Water Board, which extends the original 2015 regulation through October 2016. Under the 2016 regulation, water suppliers may request an adjustment to their individual conservation standard by submitting required information through a new online tool at the [Drinking Water Information Clearing House \(DRINC\) Portal](#). The tool is now available through March 15. For more information, please visit the State Water Board's [Water Conservation Portal](#).
- DWR Increases 2016 State Water Project Allocation Estimate to 30%:** On February 24, the Department of Water Resources (DWR) [announced](#) an increase to its estimated State Water Project (SWP) delivery allocation to 30 percent. For 2016, the 29 contractors that receive SWP water requested more than 4.1 million acre-feet of water. With the latest allocation increase, they will receive 1.27 million acre-feet of requested supplies, however, extended dry weather could force an allocation reduction. State Water Project contractors serve approximately 25 million Californians and just under a million acres of irrigated farmland.
- California's Three Traditionally Wettest Months End with Statewide Snowpack Water Content Less than Average:** On March 1, the Department of Water Resources (DWR) [announced](#) that the statewide snowpack, which is the source for about 30 percent of California's water supply, is at 83 percent of the March 1 average. Although readings at Phillips Station are higher than the previous year in March, snowpack levels are still below what would be considered adequate for any reasonable level of recovery at this point.

DWR conducted its third media-oriented manual snowpack survey of the season at Phillips Station, 90 miles east of Sacramento just off Highway 50 in the Sierra Nevada. The snow course is one of more than 250 snow courses that will be measured manually several times this winter to determine the water content of the snowpack.

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- DWR Releases Draft Regulations on SGMA, Comment Period Opens:** On February 18, the Department of Water Resources (DWR) [released](#) draft regulations that will assist local public agencies and groundwater sustainability agencies to meet their requirements of the [2014 Sustainability Groundwater Management Act \(SGMA\)](#). The regulations were developed after conducting public information sessions and extensive outreach around the state to gather perspectives from advisory groups, statewide stakeholders, partners, local agencies, and the public. The [draft regulations](#) are available for public comment until March 25.
- CDFW Awards \$16.7 Million to Fisheries Habitat Restoration, Forest Legacy and Drought Projects:** On February 19, the Department of Fish and Wildlife (CDFW) [announced](#) 67 projects that will receive \$16.7 million in funding from its Fisheries Restoration Grant Program (FRGP). These projects will further the objectives of the state and federal recovery plans which include removing barriers to fish migration, restoring riparian habitat, and creating a more resilient and sustainably managed water resources system that can better withstand drought conditions. Visit the [FRGP](#) website for a complete list of projects approved for funding.
- California's Water Conservation Education Program Campaign:** This past week, the Save Our Water [PSA](#) featuring Golden State Warrior stars, Stephen Curry and Klay Thompson ("Splash Brothers"), will continue to air on NBC Bay Area through April. In addition, Save Our Water [promoted](#) an Associated Press article which highlighted ten days of record heat and a shortage of rain in February which continues to raise concerns for California's drought in 2016.

Save Our Water continues to promote the "[Claim your Turf Replacement](#)", 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 February 25 meeting, the Task Force provided an update on water conditions, water operations and environmental habitat, water conservation, and drought impacts and response. In addition, Save Our Water provided a summary of the current water conservation efforts planned for 2016, and highlighted the drought conservation efforts accomplished in 2015.

The Labor Workforce Development Agency announced that the federally funded Drought Temporary Jobs program has enrolled 949 participants at 136 worksite projects in 24 counties. The program is funded through the U.S. Department of Labor's National Dislocated Worker Grant program which offers 6 months of employment on drought-related public works projects for up to 1,000 workers affected by the drought.

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 1,171,506 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 1,056,023 boxes of food have been picked up by 547,813 households.

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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). Approximately 18,140 boxes were scheduled for delivery for the week ending February 26 to Fresno, Kern, Kings Riverside, San Joaquin, Siskiyou, 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 January 31, CSD has reported a total of \$598,259 has been issued to 2,973 households. As a result, all funds for water assistance payments have been expended.

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 \$327,335 has been expended with 109 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 February 19, \$5.8 million has been issued to 4,428 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:** Last week, a series of weak storms moved through the state with the highest amounts of average rainfall in the North Coast ranging from 0.3 to 2.0 inches. Additional areas that received precipitation include 0.01 to 0.3 inches in the Bay Area, and 0.1 to 1.5 inches in the Northern Sierras.

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Below are precipitation totals (in inches) from February 19 through February 26, and year-to-date rainfall based on the water year cycle (October 1, 2015 to September 30, 2016).

- **Bakersfield:** 1.11" (3.46")
 - **Paso Robles:** 0.61" (5.36")
 - **Fresno:** 1.38" (9.94")
 - **Yosemite:** 3.94" (24.86")
 - **Los Angeles:** 1.12" (4.53")
 - **Stockton:** 0.80" (9.88")
 - **San Francisco:** 1.38" (14.53")
 - **Redding:** 2.44" (23.19")
 - **Riverside:** 0.28" (3.90")
 - **Sacramento:** 1.04" (9.68")
 - **San Diego:** 0.20" (6.08")
 - **Mount Shasta:** 3.49" (24.47")
 - **South Lake Tahoe:** 2.27" (13.43")
 - **Monterey:** 2.18" (15.46")
- **Weather Outlook:** At the end of the week, Northern California can expect a return to a wetter weather pattern which will continue into the weekend bringing gusty winds and periods of rain. Southern California can expect cooler weather by Friday with chances for rainfall on Sunday into at least the early part of next week.
 - **Snow Survey:** The March [manual snowpack survey](#) recorded California snowpack at 83 percent of normal to date, and 73 percent of the April 1 average. Regionally, the Northern Sierra Nevada is at 89 percent of average to date, the Central Sierra is at 85 percent of average to date, and the Southern Sierra Nevada is at 73 percent of average to date.
 - **Projected Reservoir Management:** Since the last report on February 19, Central Valley reservoirs from Shasta and Trinity in the North to Isabella in the South had a net gain in storage of 419,241 acre-feet (AF), with a total gain of 428,228 AF and a total loss of 8,987 AF. Shasta Reservoir increased by 113,714 AF, while San Luis Reservoir, an off-stream reservoir for the Central Valley Project and State Water Project, increased its storage by 56,817 AF.

[Reservoir Levels](#) as of March 1 have increased, including: Castaic Lake 28% of capacity (32% of year to date average); Don Pedro 47% of capacity (66% of average); Exchequer 18% of capacity (35% of average); Folsom Lake 62% of capacity (111% of average); Lake Oroville 53% of capacity (76% of average); Perris Lake 34% (41% of average); Millerton Lake 52% of capacity (79% of average); New Melones 19% of capacity (31% of average); Pine Flat 27% of capacity (51% of average); San Luis 44% of capacity (51% of average); Shasta Reservoir 61% of capacity (83% of average); and Trinity Lake 35% of capacity (47% of average). An update of water levels at other [smaller reservoirs](#) is also available.

- **Dry Well Reports:** As California faces the fifth year of drought, the Governor's Drought Task Force continues to monitor and identify communities and local water systems in danger of running out of water. In 2015, a cross-agency team, led by the Department of Water Resources (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 February 24, approximately 2,591 wells statewide have been identified as critical or dry, affecting an estimated 12,955 residents. Cal OES reported that 2,371 of the 2,591 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.

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- **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, 109 out of the 150 projects approved to receive emergency funding for interim replacement drinking water have been executed. On May 19, 2015, 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 \$12.8 million of those funds.
- **Fire Activity:** Since the beginning of the year, firefighters from CAL FIRE and the U.S. Forest Service have responded to over 200 wildfires across the state, burning 88 acres. Fire activity across California is low resulting in 41 combined wildfires in just the past week.
- **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/>.

Local Government

- **Local Emergency Proclamations:** A total of 63 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:
 - **29 Counties:** Butte, Colusa, Calaveras, 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),

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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 (ACWA) [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).

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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

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Governor's Office Tribal Drought Call Update March 2016



Barbara Evoy, Deputy Director
State Water Resources Control Board
March 18, 2016

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

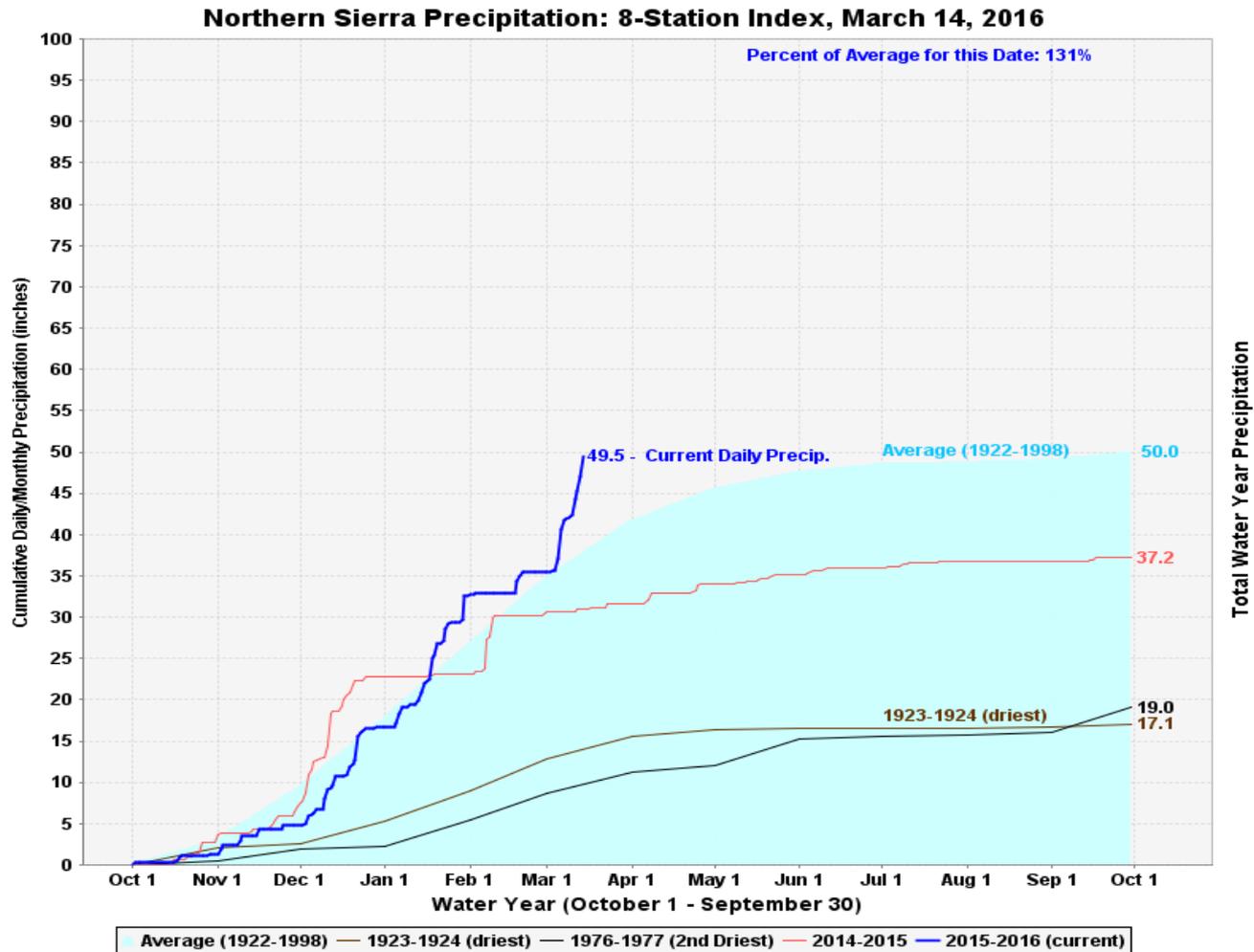
TOPICS TO BE DISCUSSED

- No Current Restrictions on Water Diversions
- New Reporting and Measurement Regulation
- Critical Fishery Needs
- Funding for Tribes

2016 Hydrology

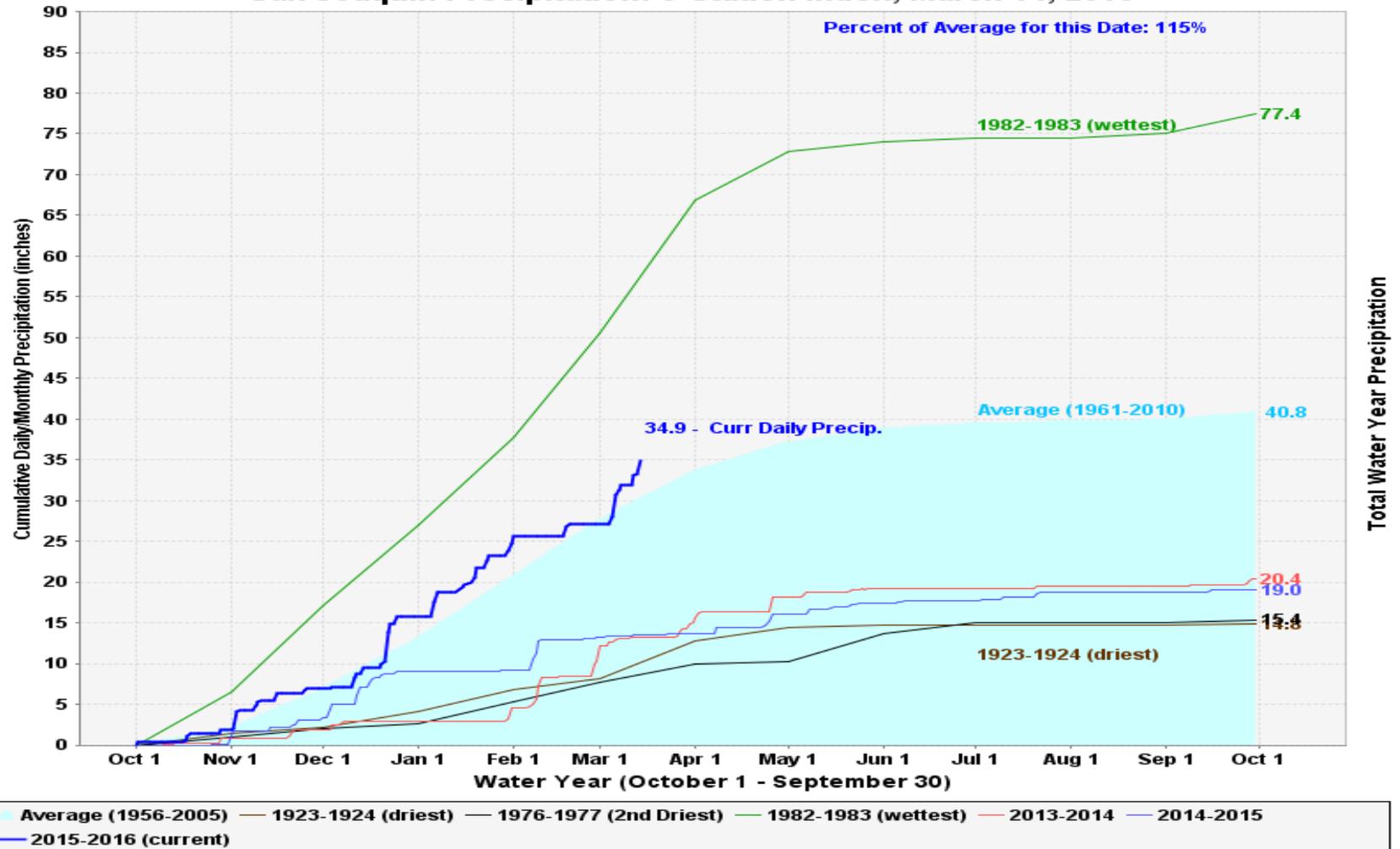
- The Division of Water Rights is currently monitoring hydrologic conditions in the Sacramento River, San Joaquin River, Delta and Russian River.
- No water shortage notices are currently pending.
- Drought updates provided by Lyris. Please subscribe at, http://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml

Current Northern Sierra Hydrology

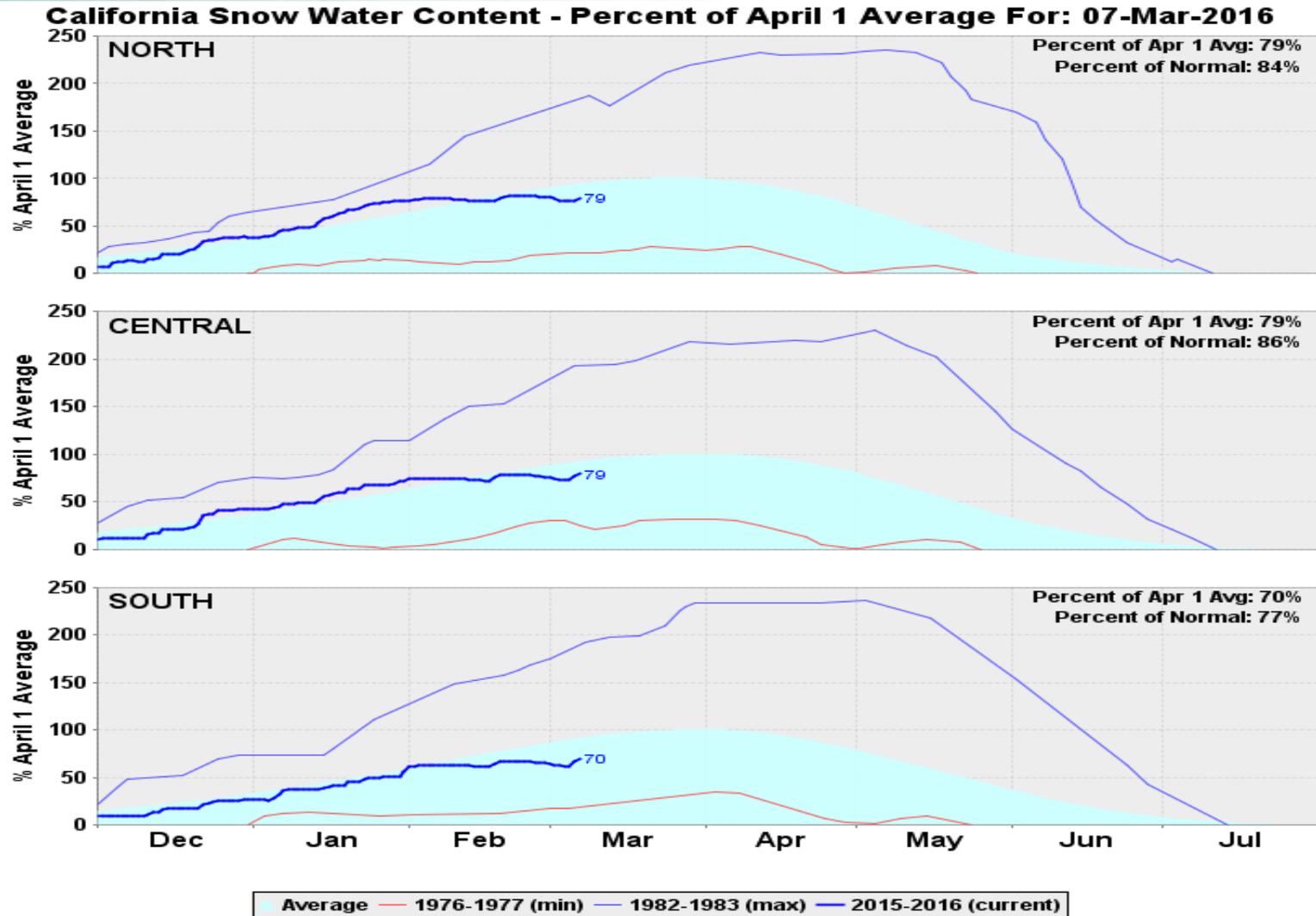


Current Central Valley Hydrology

San Joaquin Precipitation: 5-Station Index, March 14, 2016



Snowpack Conditions



Measurement and Reporting Regulation

- Senate Bill 88 was signed by Governor Brown on June 24, 2015. The bill added measurement and reporting requirements for a substantial number of diverters.
- On January 19, 2016, the State Water Board adopted a regulation to implement these new provisions.
- The regulation uses a tiered system, requiring more accurate data on a more frequent basis from the largest diverters. The requirements are simplified and relaxed for the smallest size class of diverters.

Measurement and Reporting Regulation

Type of Diversion	Installation Deadline	Required Accuracy	Required Monitoring	Qualifications For Installation And Certification
Direct Diversion \geq 1,000 afa	January 1, 2017	10%	Hourly	Engineer/Contractor/Professional
Direct Diversion \geq 100 afa/ Storage \geq 200 af	July 1, 2017	10%	Daily	Engineer/Contractor/Professional
Direct Diversion $>$ 10 afa/ Storage \geq 50 af	January 1, 2018	15%	Weekly	Individual experienced with measurement and monitoring
Storage $>$ 10 af	January 1, 2018	15%	Monthly	Individual experienced with measurement and monitoring

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.
- The emergency regulation expired on December 29, 2015 (after 270 days). State Water Board staff, in coordination with California Department of Fish and Wildlife staff, are continuing to evaluate conditions to determine if the Emergency Regulation should be readopted again this spring.

RESPONSE TO CRITICAL FISHERY NEEDS

In the Russian River watershed, the State Water Board adopted an emergency regulation on June 17, 2015, 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 required:

- Enhanced water conservation in critical areas of the four watersheds; and
- Information on water use if requested by the State Water Board.

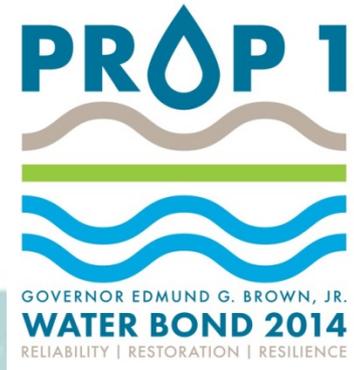
RESPONSE TO CRITICAL FISHERY NEEDS

On March 1, 2016 the State Water Board readopted the Information Order component of the emergency regulation. State Water Board staff, in coordination with California Department of Fish and Wildlife staff, are continuing to evaluate hydrologic conditions to determine if the enhanced conservation component of the emergency regulation should also be readopted again this spring.

JIM MAUGHAN

Division of Financial Assistance

FUNDING PROGRAMS FOR TRIBES



Wastewater*	\$260 million
Water Recycling	\$625 million
Drinking Water*	\$260 million
Stormwater	\$200 million
Groundwater	\$800 million

***Technical assistance available for applicants**

SENATE BILL 445 SITE CLEANUP SUBACCOUNT

Eligible Projects:

- Identify source of surface or groundwater contamination
- Remediate harm or threat to human health, safety, and the environment from surface or groundwater contamination

Eligible Applicants:

Applicants w/eligible projects

5 Considerations:

- Significant Threat to Human Health or the Environment
- Disadvantaged or Small Community Impact
- Cost and Environmental Benefit of Investigation/Cleanup
- Availability of Alternate Funding Source(s)
- Other Board Considerations

Approximately \$19 million/year

CLEANUP & ABATEMENT ACCOUNT INTERIM EMERGENCY DRINKING WATER

- **Eligibility**
 - Public Agency
 - Tribal Government
 - Not-for-profit
 - Community Water System

} *serving a disadvantaged community*
- **Projects to address urgent drinking water needs**
 - \$15 million drought-related
 - State Water Board approved \$5 million of these funds to non-profit organizations to assist individual households and small water systems (< 15 connections).
 - \$4 million contaminated water supply (for DACs only)
- **State Water Board adopted Guidelines on May 19, 2015**

NONPOINT SOURCE IMPLEMENTATION TIMBER REGULATION AND FOREST RESTORATION GRANT PROGRAM

- Approximately \$6 million
- Annual solicitation – Concept Proposals due Sept. 24
- Implement BMPs to address NPS pollution
- Address NPS Program Preferences
- For more information visit,
[http://www.waterboards.ca.gov/water issues/programs/nps/solicitation notice.shtml](http://www.waterboards.ca.gov/water_issues/programs/nps/solicitation_notice.shtml)

EXAMPLE TRIBAL PROJECTS

- Yurok Tribe
 - \$18.75M SRF loan - Sustainable Timber Project
 - \$108,208 CAA grant – Water Vending Machines
 - \$62,234 CAA grant - Bottled Water
- Trinidad Rancheria
 - \$1.8M grant septic system & public restrooms
 - \$2.5M grant to City of Trinidad for Rancheria's Pier Replacement
- Karuk Tribe
 - \$60,000 CAA grant Blue-Green Algae Sampling



HOW TO APPLY



Applications accepted online through Financial Assistance Application Submittal Tool (FAAST):

<https://faast.waterboards.ca.gov/>

- If this creates a hardship, technical assistance providers may be available to assist with electronic submittal
- FAAST tutorials are available online:
<http://www.waterboards.ca.gov/videos/faast.shtml>
- Help Desk: 1-866-434-1083 or
FAAST_ADMIN@waterboards.ca.gov

Apply Now!

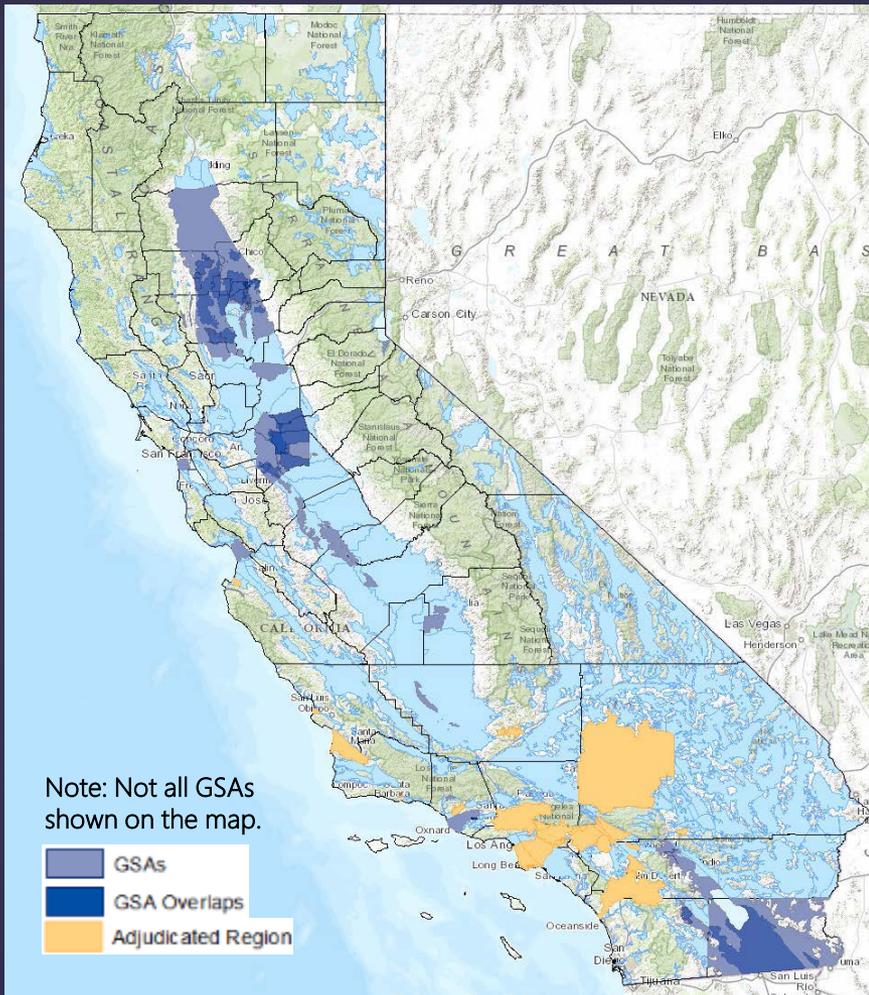
STATE WATER BOARD CONTACTS

- **Thomas Howard, Executive Director**
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- **Felicia Marcus, Board Chair**
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- **Gita Kapahi, Office of Public Participation, Tribal Liaison**
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- **Barbara Evoy, Division of Water Rights, Deputy Director**
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- **Jim Maughan, Division of Financial Assistance, Asst. Deputy Director**
James.Maughan@waterboards.ca.gov, 916-341-5694

DWR Sustainable Groundwater Management Program

{ Update for Governor's Drought Task Force –
Tribal Governments Consultation Webinar
March 18, 2016





- ⊗ 69 separate GSA formation notices have been submitted as of 3/11/16
 - ⊗ 44 have overlapping service area boundaries
- ⊗ SB 13 requires: DWR to review GSA notices for completeness and Local Agencies are required to resolve overlap
- ⊗ GSAs required to address stakeholder interests

GSA Formation Status

<http://water.ca.gov/groundwater/sgm/gsa.cfm>

Groundwater Sustainability Agencies

-  DWR has developed GSA Frequently Asked Questions
-  DWR has updated its GSA Formation Notification Guidelines for Local Agencies
-  DWR has updated the GSA Formation Table

The Sustainable Groundwater Management Act (SGMA) established a new structure for managing California's groundwater resources at a local level by local agencies. SGMA requires, by June 30, 2017, the formation of locally-controlled groundwater sustainability agencies (GSAs) in the State's high- and medium-priority groundwater basins and subbasins (basins). A GSA is responsible for developing and implementing a groundwater sustainability plan (GSP) to meet the sustainability goal of the basin to ensure that it is operated within its sustainable yield, without causing undesirable results. The Department of Water Resources (DWR) is required to develop and adopt emergency regulations for evaluating GSPs, the implementation of GSPs, and coordination agreements by June 1, 2016.

A GSP may be any of the following ((Water Code § 10727(b)):

- A [single plan](#) covering the entire basin developed and implemented by [one GSA](#)
- A [single plan](#) covering the entire basin developed and implemented by [multiple GSAs](#)
- Subject to Water Code Section 10727.6, [multiple plans](#) implemented by [multiple GSAs](#) and coordinated pursuant to a [single coordination agreement](#) that covers the entire basin.

DWR's Role in GSA Formation

Senate Bill (SB) 13 changed DWR's role with respect to reviewing, posting, and tracking GSA formation notices. These changes relate to: notification completeness reviews; overlapping GSA boundaries; and service area boundaries. For more information see DWR's [GSA Frequently Asked Questions](#). Also, DWR developed and has revised its [GSA Formation Notification Guidelines for Local Agencies](#) which outlines the information that must be submitted by a local agency(s) after it decides to become or form a GSA(s). DWR will use these GSA guidelines to perform completeness reviews for all GSA notices filed after January 1, 2016. Only complete GSA formation notices will be posted on DWR's [GSA Formation Table](#) and included on DWR's [GSA Interactive Map](#). The following summarizes DWR's approach and responsibilities with respect to GSA formation:

- DWR shall post all complete GSA formation notices received on its website within 15 days of receipt. ((Water Code §10723.8(b))
- A complete GSA formation notice includes all of the following ((Water Code §10723.8(a))):
 - Information that clearly shows the GSA formation notice was submitted to DWR within 30 days of the decision to become or form a GSA.
 - The service area boundaries, the boundaries of the basin or portion of the basin the agency intends to manage, and identification of any other agencies managing or proposing to manage groundwater within the basin.
 - A copy of the resolution or legal agreement forming the new agency.
 - A copy of any new bylaws, ordinances, or new authorities adopted by the local agency.
 - A list of interested parties developed pursuant to Water Code §10723.2 and an explanation of how their interests will be considered in the development and operation of the GSA and the development and implementation of the agency's sustainability plan.
- DWR will not post incomplete GSA formation notices.
- If two or more local agencies separately decide to become GSAs in all or a portion of the same area of a basin and create overlap (within 90-days of the initial posted notice), then no exclusive GSA will be identified by DWR until the overlap is resolved. ((Water Code §10723.8(c) and (d))
- Only exclusive GSAs can coordinate to develop a GSP for a basin and submit that GSP to DWR for review.
- DWR has a [Facilitation Support Services](#) program that helps local agencies work through challenging institutional and technical situations.

DWR hosted a 90-minute webinar in November 2015 to address the SB 13 amendments to SGMA as they pertain to the formation of a GSA. The following information is available for use by local agencies and the public:

- [GSA Formation Notification Guidelines for Local Agencies](#) (revised 01/05/2016)

GROUNDWATER HOME

SUSTAINABLE GROUNDWATER MANAGEMENT

- Basin Boundary Modifications
 - EBAT - Basin Boundary Assessment Tool
 - BMRS - Basin Boundary Modification Request System

- Groundwater Sustainability Agencies
 - GSA Formation Table
 - GSA Interactive Map
 - GSA Notice Revisions

- Groundwater Sustainability Plan Regulations
 - Best Management Practices

- Critically Overdrafted Basins
 - Public Comments

- Initial Basin Prioritization
- Communication and Outreach
 - Advisory Groups
 - Statewide SGMA Calendar
 - Region Office Contacts
 - Subscribe for Email Updates

- Resources
 - Water Mgmt. Planning Tool
 - SGMP Grant Program
 - Facilitation Support Services
 - SGMA Definitions
 - Related Links
 - SGMA Archive

GROUNDWATER INFORMATION CENTER

- CASGEM
- BULLETIN 118



GSA Website Information

& [GSA Frequently Asked Questions](#)

& [GSA Formation Guidelines](#)

& [November 2015 Webinar Information](#)

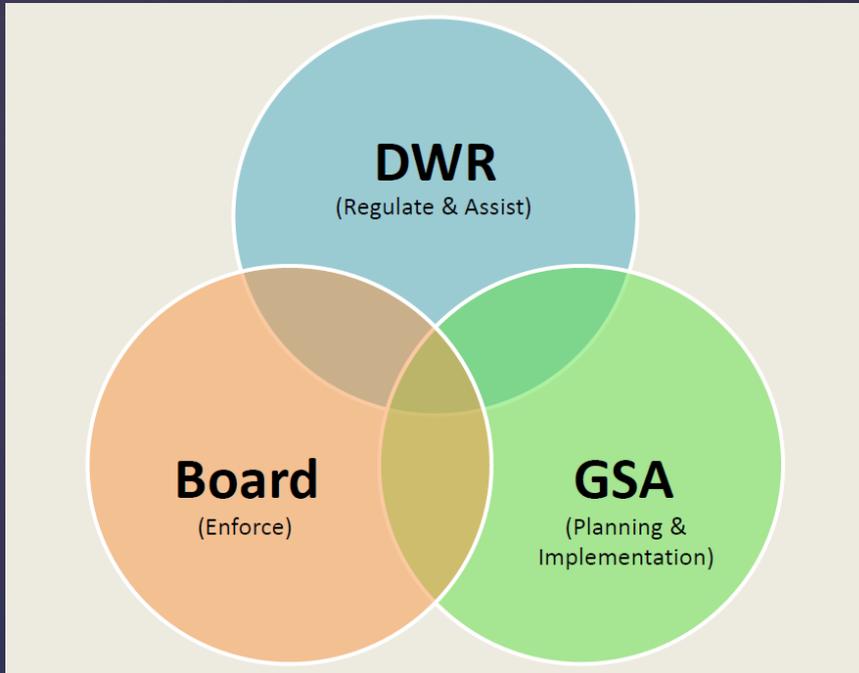
& [GSA Formation Table](#)

& [GSA Interactive Map](#)

& [GSA Notice Revisions](#)

GSA Formation Status

<http://water.ca.gov/groundwater/sgm/gsa.cfm>

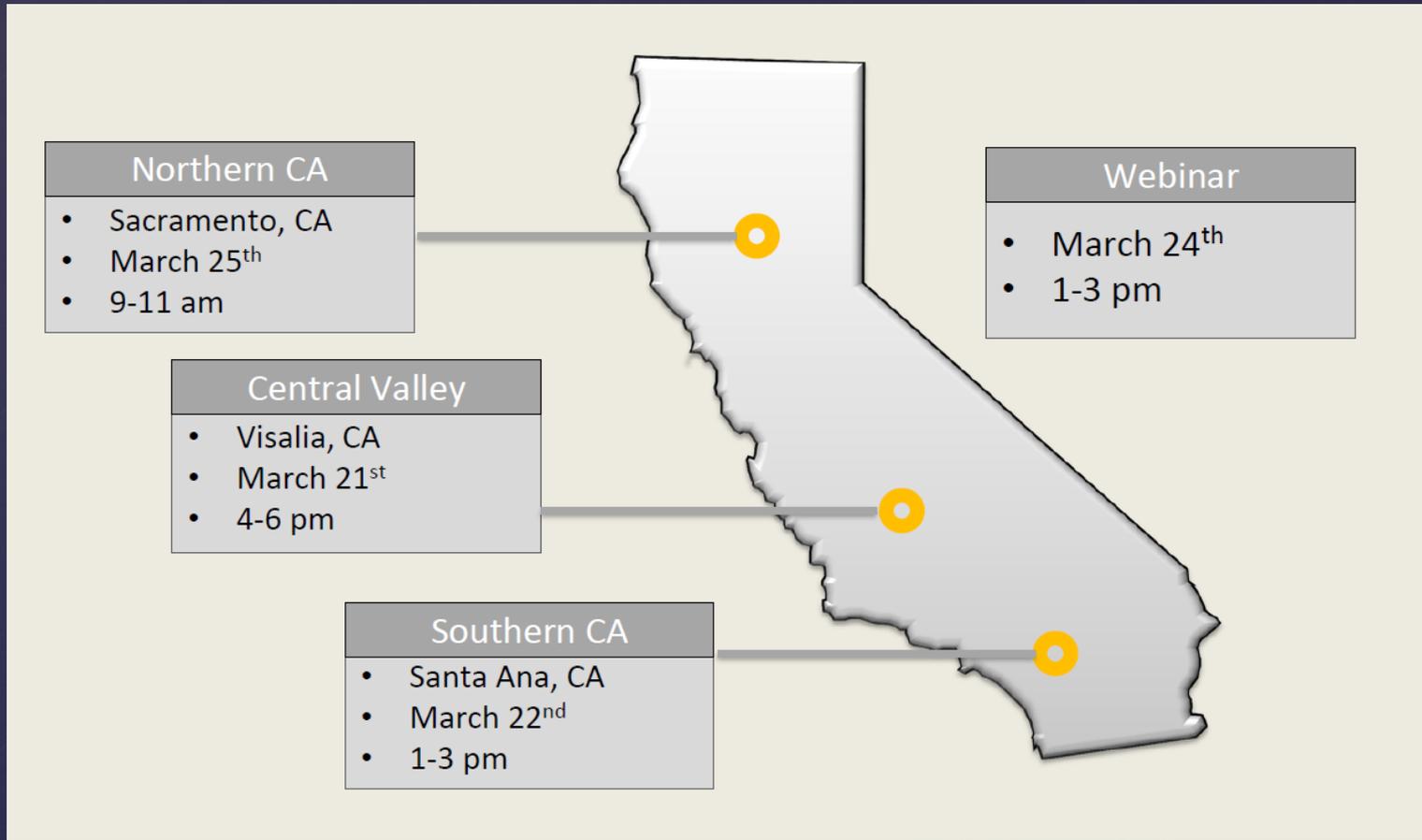


- ⌘ Required for all 127 High and Medium Priority Basins
- ⌘ By June 1, 2016, DWR shall adopt regulations
- ⌘ Regulations shall identify:
 - ⌘ Required Plan Components
 - ⌘ Additional Plan Elements
 - ⌘ Coordination of GSPs in Basin
 - ⌘ Other information that will assist local agencies in developing and implementing GSPs and coordination agreements

GSP Draft Regulations

<http://water.ca.gov/groundwater/sgm/gsp.cfm>

43 Day Comment Period
February 18, 2016 through April 1, 2016



GSP Draft Regulations – *Public Meetings*

<http://water.ca.gov/groundwater/sgm/gsp.cfm>

CA .GOV CALIFORNIA DEPARTMENT OF WATER RESOURCES

HOME NEWSROOM & EVENTS ISSUES ABOUT US

SGM Sustainable Groundwater Management

Public Comments - Draft GSP Emergency Regulations

Comments Received on Draft GSP Emergency Regulations

The formal comment period began on February 18, 2016 and will close on March 25, 2016. Comments received by DWR on the Draft GSP Emergency Regulations are posted below.

Show 10 entries Search:

Commenter(s)	Submitted By	Date
County of Kings	Erik D. Keeding	03/03/2016
DUDEK Engineering + Environmental	Matt Nafaly	02/23/2016
City of Solvang	Matt van der Linden	02/22/2016
Law Office of Patrick J. Maloney	Tom Virsik	02/22/2016

Showing 1 to 4 of 4 entries Previous 1 Next

GROUNDWATER HOME

SUSTAINABLE GROUNDWATER MANAGEMENT

- Adjudicated Basin Reporting
- Basin Boundary Modifications
 - BBAT - Basin Boundary Assessment Tool
 - BBMRB - Basin Boundary Modification Request System
- Critically Overdrafted Basins
- Communication and Outreach
 - Advisory Groups
 - Statewide SGMA Calendar
 - Region Office Contacts
 - Subscribe for Email Updates
- Groundwater Sustainability Agencies
 - GSA Formation Table
 - GSA Interactive Map

DWR Welcomes Feedback on Draft Regulations

- ✂ Email & written comments
- ✂ California Water Commission meetings (March – May)

✂ [DWR Public Meetings](#)

✂ [Email: sgmps@water.ca.gov](mailto:sgmps@water.ca.gov)

✂ [Mail:](#)

CA Department of Water Resources

Attn: Lauren Bisnett

P.O. Box 942836

Sacramento, CA 94236

GSP Draft Regulations – *How to Provide Comment*

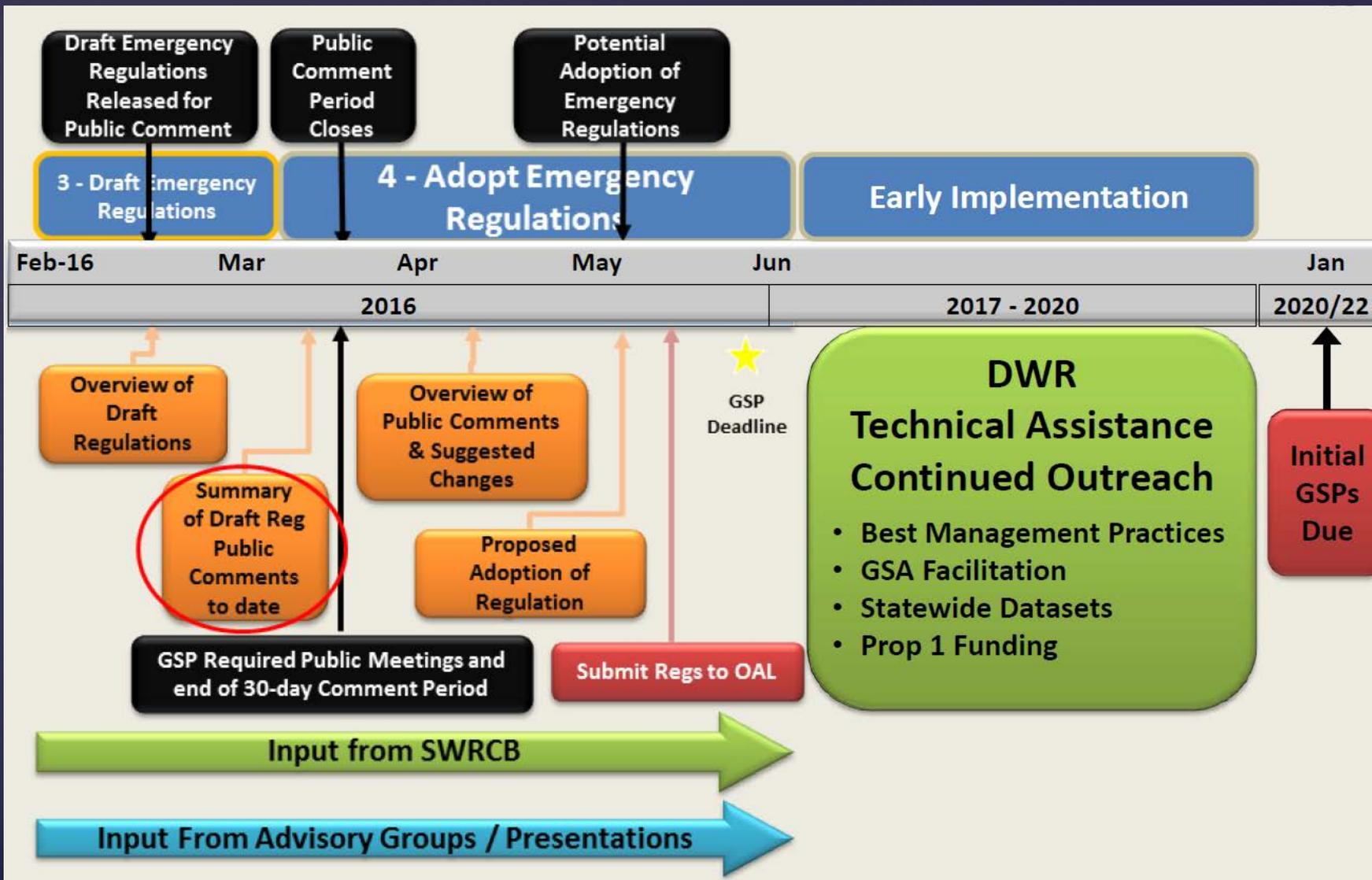
<http://water.ca.gov/groundwater/sgm/gsp.cfm>

KEY DATES

- & March 21 – March 25: Public Meetings to Consider Public Comments
- & April 1 – Public Comment Period Closes
- & April 20 – Present Summarized Public Comments to California Water Commission
- & May – Present proposed Regulations for California Water Commission for adoption
- & June – Submit adopted Regulations to Office of Administrative Law

GSP Draft Regulations – Public Meetings

<http://water.ca.gov/groundwater/sgm/gsp.cfm>



Program Timeline & Next Steps

Anecita Agustinez, DWR Tribal Policy Advisor

Phone: (916) 653-8726

Email: Anecita.Agustinez@water.ca.gov

Emily Alejandrino, Senior Environmental Scientist & Tribal Liaison

Phone: (916) 651-9276

Email: Emily.Alejandrino@water.ca.gov

Lauren Bisnett, Information Officer

Sustainable Groundwater Management Program

Phone: (916) 653-7564

Email: Lauren.Bisnett@water.ca.gov

Program Contacts

Department of Fish and Wildlife

Fish Hatcheries Drought Response



Stafford Lehr
Acting Deputy Director
Wildlife and Fisheries Division
California Department of Fish and Wildlife

California Drought

- Declaration of Emergency - January 2014
- Drought Task Force
 - Activation of Emergency Operations Center
- Emergency Budget Act(s)
 - 2014 thru 2016 = \$53.8M – CDFW
 - \$17.7 – 2016/2017 Budget

CDFW Led Drought Activities

- Fish and wildlife rescue and relocation
 - Fish rescues
 - Wildlife relocation
- Fishery closures
- Hatchery management
- Habitat restoration
- Enforcement
 - Illegal diversions (marijuana)
 - Water quality impacts
 - Wildlife encounters
- Drought contingency planning for CDFW lands
 - Water supply impacts
 - Habitat acreage
- Voluntary Drought Initiative
 - 2081(a) via management action
 - Small Domestic Diversions



State Fish Hatcheries and Drought Response

- Hatcheries as “Safe Havens”
- Infrastructure capabilities
- Care and handling
- Biosecurity



American River





Fish Rescues

- More than 930 rescues in 67 different watersheds throughout the state.
- CDFW has brought Federal and State listed fishes into captivity.
- Working collaboratively multiple partners to rescue more than 270,000 fish.

Law Enforcement

- Illegal water diversions
 - Marijuana Enforcement
- Fishing in closure areas



Wildlife Drought Response

- Report on drought vulnerability of 48 species - <http://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=118299>.
- Captive breeding programs
- Increase human wildlife encounters
- Building resilience and durability for refuges
 - 37 water infrastructure projects
 - Coordinated water operations

Human – Wildlife Conflict

- Geographic prioritization
- Pre-positioning of resources
- 24-hour response network
- Improve support facilities
- Statewide Incident Summary
- <http://calema.maps.arcgis.com/apps/MapJournal/index.html?appid=7172103b4cc64c1fb00066ffd9a23ef3>



Successful Tools

- Partnerships with private landowners and NGO's
- Expanding network of real-time sensors
- Improved modeling
- Building resiliency into hatcheries and state lands
- Law Enforcement response
- Conservation facility

CDFW Fish Hatcheries Contacts

Dr. William Cox
Environmental Program Manager
California Department of Fish and Wildlife
Fisheries Branch
916-358-2827
William.cox@wildlife.ca.gov

Steven Ingram
Senior Staff Counsel & Tribal Liaison
California Department of Fish and Wildlife
Office of General Counsel
916-651-7401
tribal.liaison@wildlife.ca.gov
steven.ingram@wildlife.ca.gov

Department of Water Resources



Arthur Hinojosa

Division Chief

Integrated Regional Water
Management

Department of Water Resources
(916) 653-4736

Arthur.Hinojosa@water.ca.gov

S. Greg Farley, P.E.

DWR Drought Manager

Department of Water Resources
916-653-5940

Stuart.Farley@water.ca.gov

Anecita Agustinez

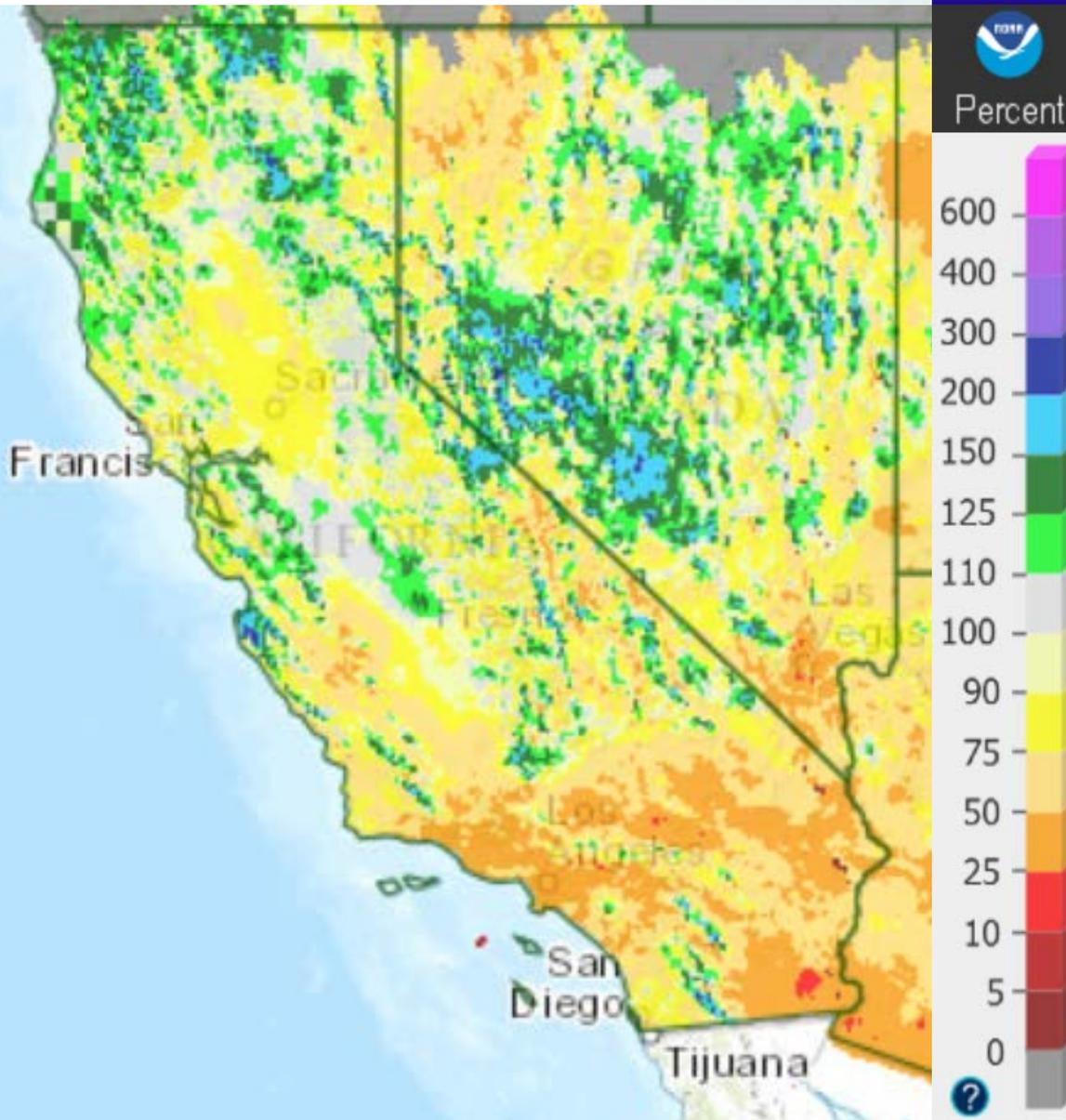
Tribal Policy Advisor

Anecita.Agustinez@water.ca.gov
tribalpolicyadvisor@water.ca.gov

Tel: (916) 653-8726

Cell: (916) 216-8637

DROUGHT UPDATE



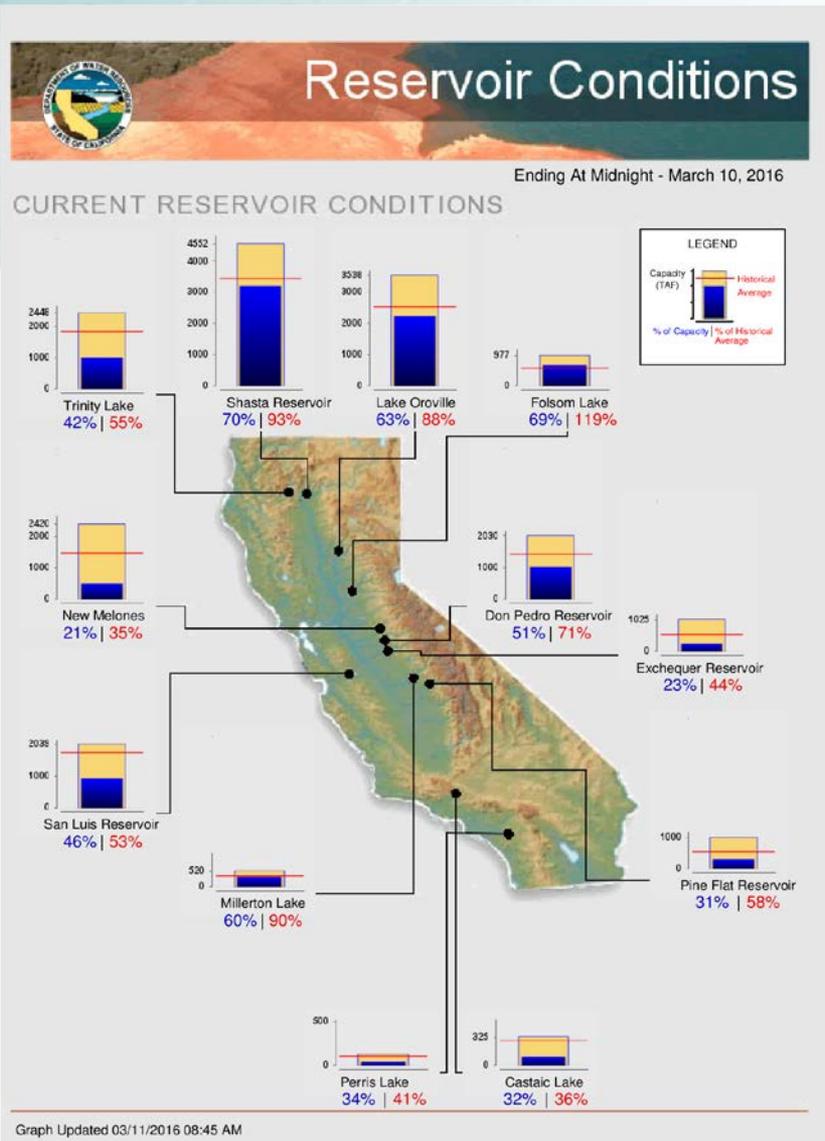
Percent of Average Precipitation

Water Year to date:
10/1/15 – 3/11/15

From the National Weather
Service's Precipitation Analyzer

<http://water.weather.gov/precip/>

Uneven Reservoir Improvement (March 10)



Reservoir	% Cap	% Avg
Trinity	42	55
Shasta	70	93
Oroville	63	88
Folsom	69	119
New Melones	21	35
San Luis	46	53

Drought Actions Overview

A high level look at the variety of Drought Team actions – Part 1

- Hydrologic Monitoring
 - Water Supply Forecast
- Emergency Drought Barriers
 - 2015 installation
 - Annual evaluation of need
- Emergency Water Supply Projects
- Water Operations
 - State Water Project
- Water Transfers
- Urban Water Management Plans
- Agricultural Water Management Plans
- Local Assistance Grants

Drought Actions Overview

A high level look at the variety of Drought Team actions – Part 2

- Groundwater Analysis
 - Dry well database
- Water Use Efficiency
 - Turf Replacement Rebates 
(\$22M available /11M spent)
 - <http://www.saveourwaterrebates.com/turf-replacement-rebates.html>
 - Toilet Retrofit Rebates 
(\$5.5 M available /2.4M spent)
 - <http://www.saveourwaterrebates.com/toilet-rebates.html>
 - State's Model Water Efficient Landscape Ordinance (MWELO)
 - <http://www.water.ca.gov/wateruseefficiency/landscapeordinance/>

Drought Actions

Help meet emergency drinking water needs for small communities or individuals that suffer drought-related water outages

- Project types
 - Well installations
 - If County/Regional/State OES determines household emergency water supply tank program infeasible
 - Connection to local water system
 - Other related activities
- Eligible Grantees:
 - Public Agencies
 - Tribal Governments
 - The following that serve disadvantaged communities
 - Small community water systems
 - Not-for-profit organizations
 - Individual well owners sponsored by a public agency

Drought Actions

- Current Funding:
 - 2015-16 \$5 million
 - 2016-17 \$5 million (proposed)
- Resources:
 - <https://mydrywatersupply.water.ca.gov/report/>
 - DWR Emergency Water Supply Contact (916) 651-7003
 - http://www.waterboards.ca.gov/water_issues/programs/grants_loans/caa/dw_droughtfund/docs/ab91application.pdf

Example:

Emergency Water Supply Funding in Tulare County to a Tribal Government

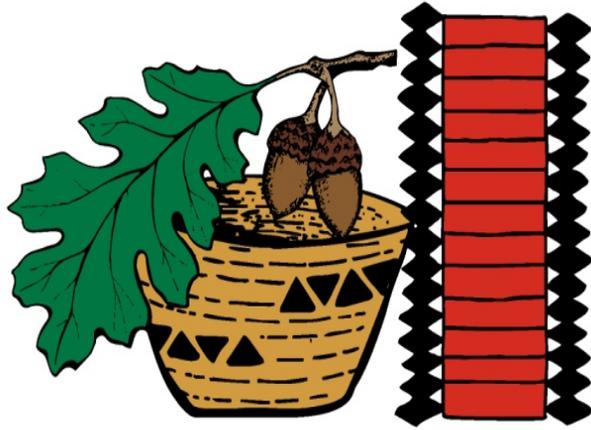
Name: Tule River Tribe Drought Emergency Project, with Indian Health Service (IHS).

Description: Funding (\$200,000) to connect a water main from a newly constructed well at the Tule River to the Tribe's water distribution system. Well completed June 2015, DWR funding requested July 2015, and now under construction.

Status: In progress, estimated completion July 2016.

More Examples: Emergency Water Supply Funding

- Lake Don Pedro Community Services District (Tuolumne/Mariposa Counties)
- East Porterville (Tulare County)
- Monson (Tulare County)
- Okieville (Tulare County)
- Tuolumne Utilities District (Tuolumne County)



Tree Mortality and California Tribes

Tuolumne Band of Me-Wuk Indians

Dore A. Bietz

Planner/Emergency Manager

General Information

- ▶ Tribal land base 1,914 acres (trust and fee)
 - ▶ Located in Tuolumne County
 - ▶ Sierra Nevada foothills
 - ▶ Population approx. 200 residents
 - ▶ Forested areas are primarily canyon live oak–grey pine type, with ponderosa pines growing in the upper elevation and in wet drainages.
- 

Drought Impact to Natural Resources

- ▶ Within a span of two months – Spring of 2015
 - Tribal residents notified us that ponderosa pines were fading in large groups
- ▶ Located approximately 50 dead or dying trees
 - Within an 800 acre parcel of Rancheria
 - Elevation range of 1800–2500 ft
- ▶ Bark beetle–killed ponderosa pine trees were found
 - Next to Turnback Creek and along Miwu Street

Resources sought

- ▶ Bureau of Indian Affairs
 - Pacific Regional Office
 - Forester site visit, discussed options. Approved Timber Harvesting Permit for Hazard Trees. Applied for funding for removal.
- ▶ US Forest Service
 - Stanislaus office
 - Entomologist, performed site survey and written report listing recommendation – March 2015
- ▶ Tuolumne County OES
 - Joined Tree Mortality Task Force

Drought Continues – 2016

▶ US Forest Service

◦ Stanislaus office

- Entomologist – Survey updated Feb 2016
- Over 100 trees were identified

▶ Bureau of Indian Affairs

◦ Pacific Regional Office

- Extended Timber cutting Permit for Hazard Trees to 2017

2015



Figure 1. Dead and fading pines along Turnback Creek drainage, photo taken on March 3, 2015. *Note: Grey pines apparently unscathed by this phase of the drought are marked with arrows. Some of the dead trees seen in figure 1 have already been harvested.*

2016

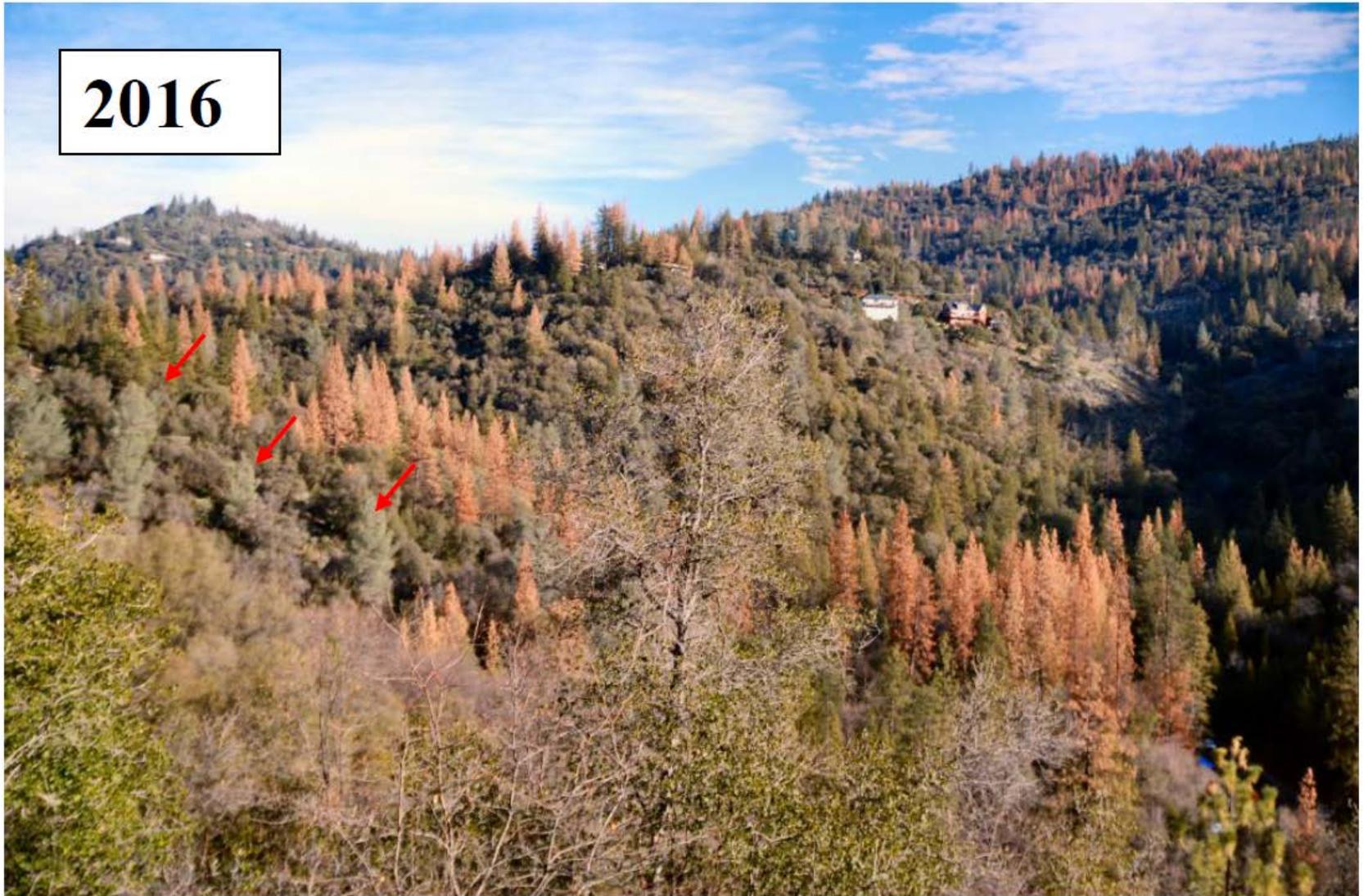


Figure 2. Recently dead and fading ponderosa pines along Turnback Creek drainage, taken on January 28, 2016.

County Tree Mortality Task Force

▶ Tuolumne County OES

- Sept 2015 Proclaimed State of Emergency
- Oct 2015 Governor Brown issued State of Emergency
- Nov 2015 Tuolumne County received approval for CDAA

▶ County Tree Mortality Task Force

- Assembled to develop a response plan
 - Tribe is active member
- 

Governors Tree Mortality Task Force

- ▶ Comprised of State, federal and tribal agencies, local governments, utilities and various stakeholders.
- ▶ Charged with finding solutions to the growing bark beetle epidemic.
 - <http://www.fire.ca.gov/treetaskforce>
 - Monthly meetings
 - Workgroups
- ▶ Tribal Participation
 - Dore A. Bietz – Tuolumne Band of Me-Wuk Indians
 - Brian Rueger – Tule River Tribe
 - Gerald Jones – BIA

Statewide Task Force update

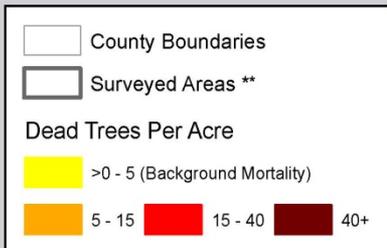
- ▶ Focus is on Southern Sierra Nevada
 - Tuolumne, Mariposa, Madera, Fresno, Tulare and Kern Counties

 - ▶ Workgroups Identified
 - Forest Health & Resilience
 - Monitoring and Mapping
 - Prescribed Fire
 - Public Outreach
 - Regulations
 - Resource Allocation
 - Utilization – BioEnergy
 - Utilization – Market Development
- 



Drought Related Tree Mortality*

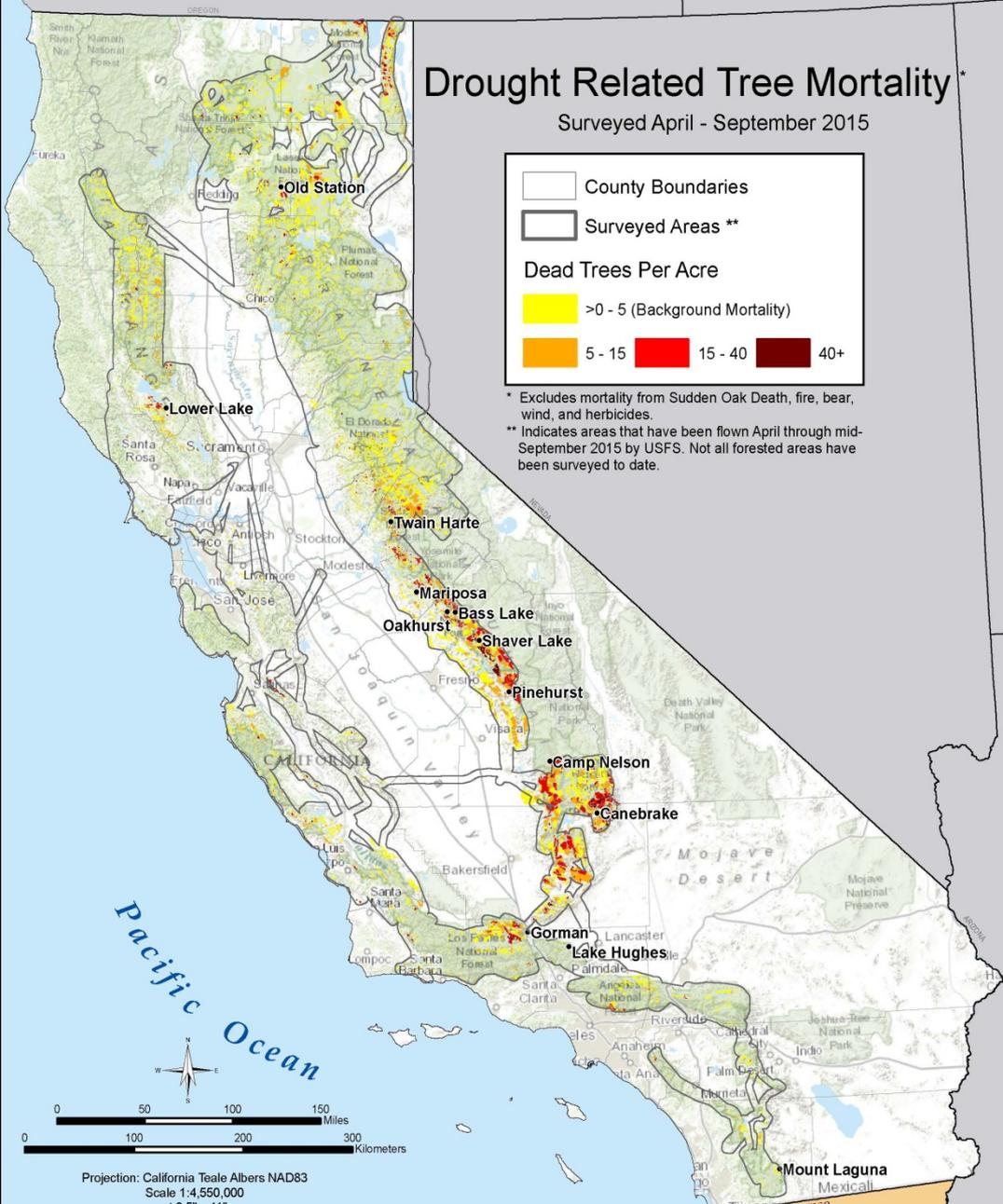
Surveyed April - September 2015



* Excludes mortality from Sudden Oak Death, fire, bear, wind, and herbicides.

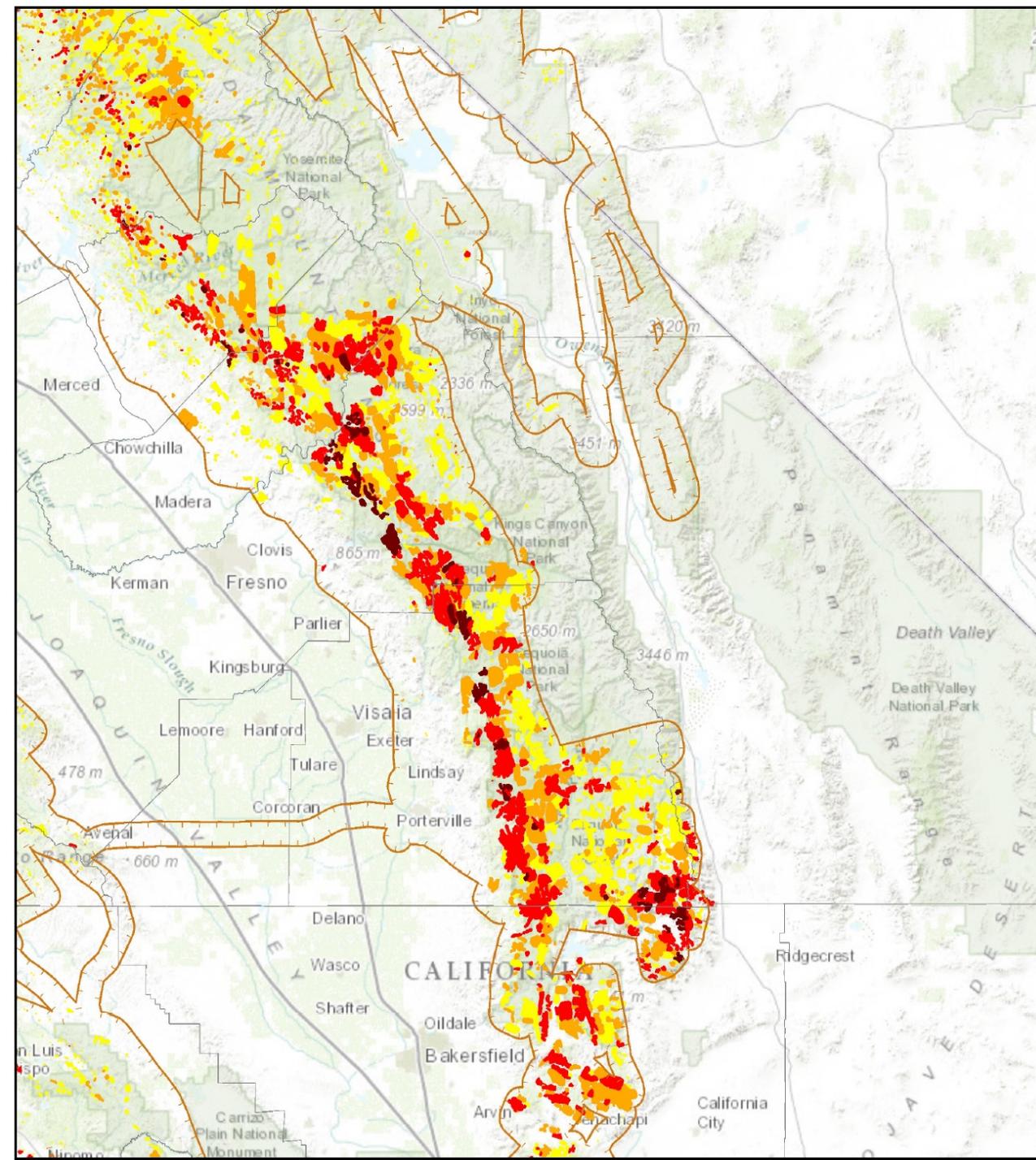
** Indicates areas that have been flown April through mid-September 2015 by USFS. Not all forested areas have been surveyed to date.

Statewide Map

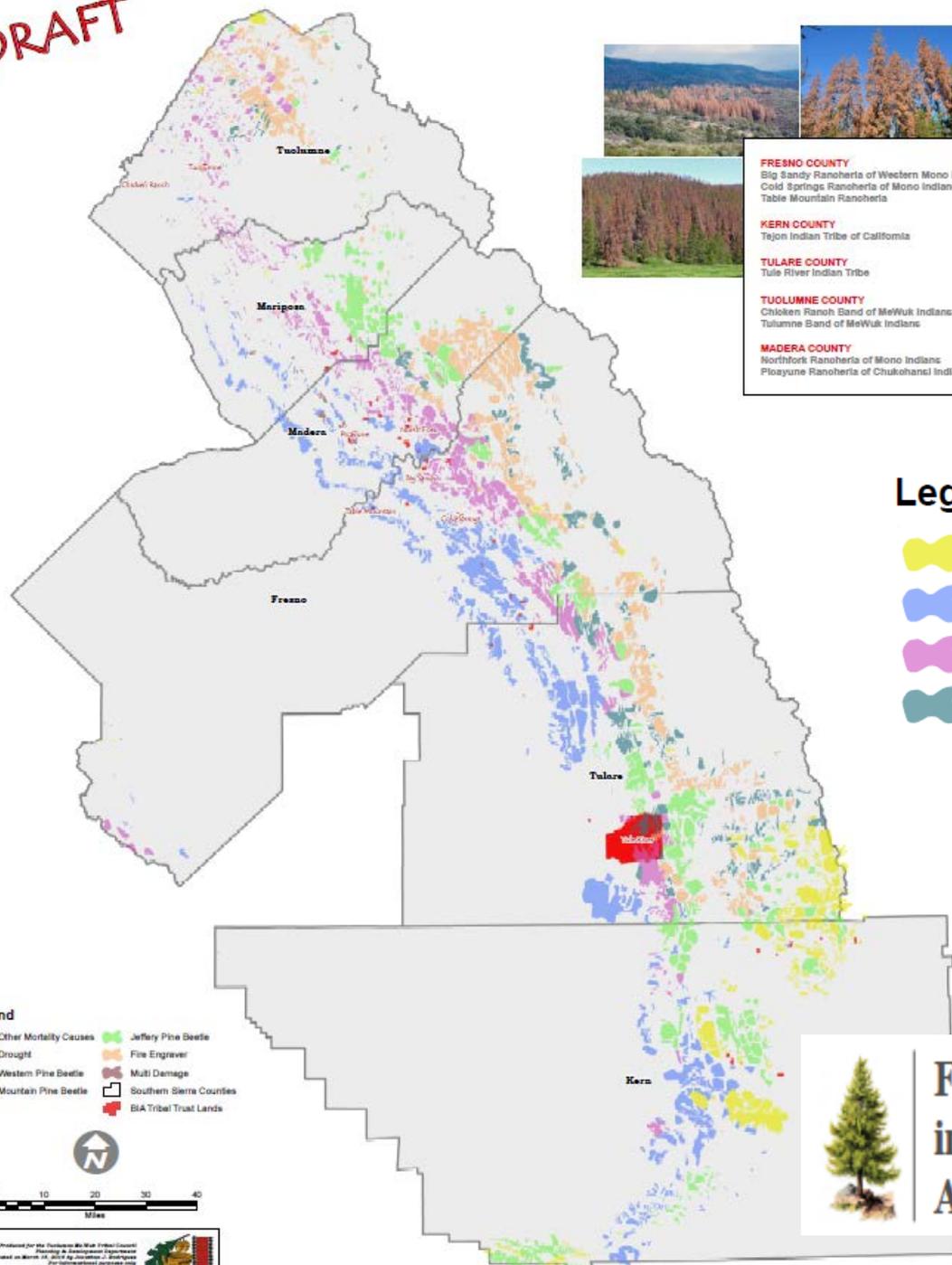


Projection: California Teale Albers NAD83
Scale 1:4,550,000
at 8.5" x 11"

Southern Sierra Counties Affected



DRAFT



FRESNO COUNTY
 Big Sandy Rancheria of Western Mono Indians
 Cold Springs Rancheria of Mono Indians
 Table Mountain Rancheria

KERN COUNTY
 Tejon Indian Tribe of California

TULARE COUNTY
 Tule River Indian Tribe

TUOLUMNE COUNTY
 Choklen Ranch Band of MeWuk Indians
 Tulumne Band of MeWuk Indians

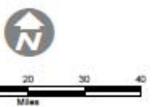
MADERA COUNTY
 Worfolk Rancheria of Mono Indians
 Pioyune Rancheria of Chukchansi Indians

Legend

- Other Mortality Causes
- Drought
- Western Pine Beetle
- Mountain Pine Beetle
- Jeffery Pine Beetle
- Fire Engraver
- Multi Damage
- BIA Tribal Trust Lands
- Southern Sierra Counties

Legend

- Other Mortality Causes
- Drought
- Western Pine Beetle
- Mountain Pine Beetle
- Jeffery Pine Beetle
- Fire Engraver
- Multi Damage
- BIA Tribal Trust Lands
- Southern Sierra Counties



**Federally Recognized Indian Tribes
 in the Southern Sierra Nevada Mountains
 Affected by the Tree Mortality Disaster**

Produced for the Federation of Mountain West Tribes (Council) Planning & Development Department
 Created on March 24, 2014 by Justin Jones, J. Rodriguez
 All software and information used or generated is provided
 for these purposes. Contact your tribe or project lead for more.

Funding and Assistance Recommendations

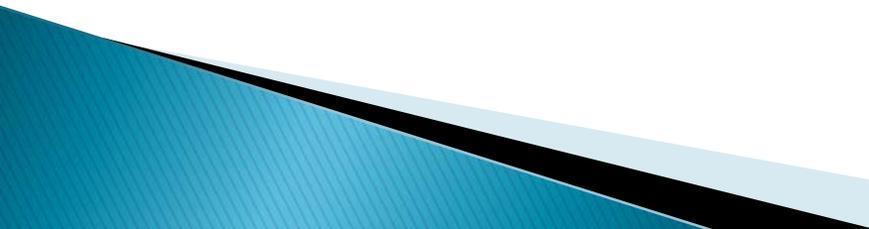
▶ Reach out to Programs

- Start with BIA
- Contact USFS for survey
- Concentrate on critical infrastructure, homes, roads, utilities..develop a plan
- Contact the County staff assigned to Task Force
 - Counties with approved CDAA
 - Identify any county roads impacted on/near tribal lands
- Contact PG&E Vegetation Management
 - Understand their process, ROW obligations

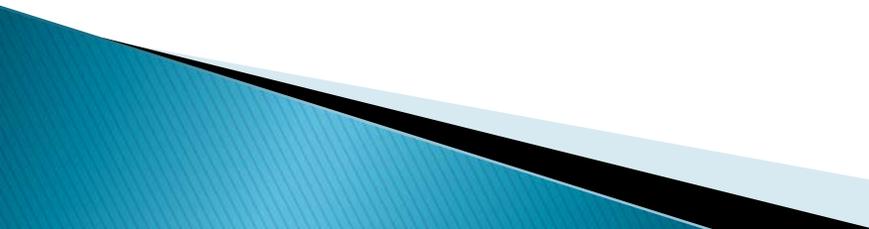
▶ Additional Resources

- BIA Roads and Federal Highways for impacts to roads on tribal lands
- FEMA PDM – Wildfire Mitigation funds
- USFS Funding under Forest Health Protection

Recommendations for Tribal inclusion in the Task Force

- ▶ If in affected county, let county Task Force Rep know your issues and concerns.
 - ▶ Emphasize need for Statewide Tribal report to workgroup
 - ▶ Participate in County Resource Fairs
 - ▶ Ask for a Tribal specific Resource Fair
- 

Opportunities for Tribes in affected areas

- ▶ Partnerships with counties and local stakeholders without re-creating the wheel or duplicating efforts
 - ▶ Placement of storage or air curtain burners needed in community on tribal land
 - ▶ Job opportunities for qualified businesses or individuals
- 

Tuolumne Band of Me-Wuk Indians

Dore A. Bietz
Planner/Emergency Manager
(209) 928-5304

DBietz@mewuk.com



State Drought Tribal Consultation

Indian Health Service
650 Capitol Mall, Suite 7-100
Sacramento, CA 95814

Don Brafford, P.E., Director
Chris Brady, P.E., Deputy Director
Division of Sanitation Facilities Construction

Carolyn Garcia, REHS, MSPH, Director
Division of Environmental Health Services

March 18, 2016



Agenda

- **IHS Drought Activities**
 - Monitoring of tribal water systems for drought risk
 - Annual report of Sanitation Deficiency to Congress
 - Drought Planning Handbook
 - Drought Support Acknowledgement
- **Zika Virus**
 - EPA\IHS Collaboration
 - Funding



Tribal water systems at high risk due to drought conditions:



Updated March 4, 2016– Updates will be made as conditions change and information becomes available.

Map #	Tribe	System Name	# of Indian Homes
24	Tule River	Main	282
24	Tule River	Cow Mountain	9
24	Tule River	Apple Valley	9
21	Big Sandy	Big Sandy CWS	46

Total Systems to Date = 4



Tribal water systems at moderate risk due to drought conditions:



Updated March 4, 2016— Updates will be made as conditions change and information becomes available.

Map #	Tribe	System Name	# of Indian Homes
18	Ione Band of Miwoks	Ione CWS	13
15	Cortina	Cortina Band of Winton System	6
26	Santa Rosa Reservation	Santa Rosa Water System	36
30	Santa Ysabel	Ortega System	5
22	Cold Springs	Coyote Drive System	7
20	Tuolumne	Tuolumne System	76
30	Santa Ysabel	Main	65
22	Cold Springs	Main	37

Total Systems to Date = 8

Sanitation Deficiency System (SDS)

- **SDS is an inventory of sanitation deficiencies reported to Congress annually for funding.**
- **SDS time line**
 - Gathering deficiencies data – March and April
 - Developing projects – May and June
 - Prioritizing projects – July
 - Submission to IHS Headquarters – August
 - Submission to Congress – November

Drought Planning Handbook

- Identifies state and federal agency programs and resources available to assist with providing emergency drinking water supply to Tribes.
- Primarily applies to public water systems.
- It is also applicable to individual water systems depending on the specific agency program.
- Handbook is available on the IHS website
 - <http://www.ihs.gov/california/>

Drought Support Acknowledgement

Devinder Sandhu, P.E.
Structure Senior Permit Engineer
CALTRANS





IHS California Area Drought Website


Indian Health Service
A to Z Index • Employee Resources • Feedback

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CA Home CA Site Map CA Member Portal Access

HEALTH PROGRAMS TRIBAL CONSULTATION NEWS & EVENTS ABOUT US OFFICES FAQS

California Area
INDIAN HEALTH SERVICE

Home Offices Office of Environmental Health & Engineering (OEHE) Division of Sanitation Facilities Construction (DSFC) Drought 2016

Drought 2016

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 2015 across the Northern Sierra -- a region crucial to statewide water supplies -- was just 20 percent of average.



Division of Sanitation Facilities Construction

The IHS/CAO, OEH&E, has taken a proactive approach to plan for drought conditions and possible impacts to Indian

NEW Posted January 13, 2016

[Drought Planning Handbook - Emergency Drinking Water for California Indian Tribes](#) (PDF) - Prepared by State of California and Federal Agencies - October 2015

General drought facts/information:

[Map of Drought Locations in California](#)  University of Nebraska

[Saving our Water](#)  Save our Water

[California Water Fact Sheet \(EPA\)](#)  (PDF) Environmental Protection Agency

Drought contingency planning tools/resources:

[California Drought Vulnerability - Risk Assessment Form](#) (XLS)

[Drought Assessment Form for Tribal Drinking Water Systems](#) (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](#)  (PDF) Rural Community Assistance Corporation

[Emergency Community Water Assistance Grants \(ECWAG\)](#)  (PDF) U.S. Department of Agriculture

Contact Information - OEHE Staff

Division of Environmental Health Services (DEHS)

Division of Health Facilities Engineering (DHFE)

Division of Sanitation Facilities Construction (DSFC)

- Drought 2016
- DSFC Focus
- Healthy Homes



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	Travis Sourm	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/>



Zika: Federal Funding & EPA R9

- Federal funding redirected for public health initiative to control the spread of Zika virus
 - Proportion of funding targeted specifically to federal agencies serving border states
 - EPA R9 has submitted a number projects to be funded



Zika: Federal Funding & EPA R9

- **Collaboration Opportunities between EPA R9 and IHS**
 - R9 seeks to serve tribes in R9 and collaborate with the tribal healthcare system in California and Arizona IHS service areas
 - **Potential Areas for Collaboration:**
 - Vector surveillance
 - Vector control
 - Health Provider and community outreach and education: health risk & reduction of harborage conditions

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:

April 26, 2016



THANK YOU

Cynthia Gomez

Tribal Advisor

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