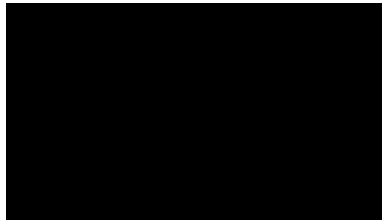
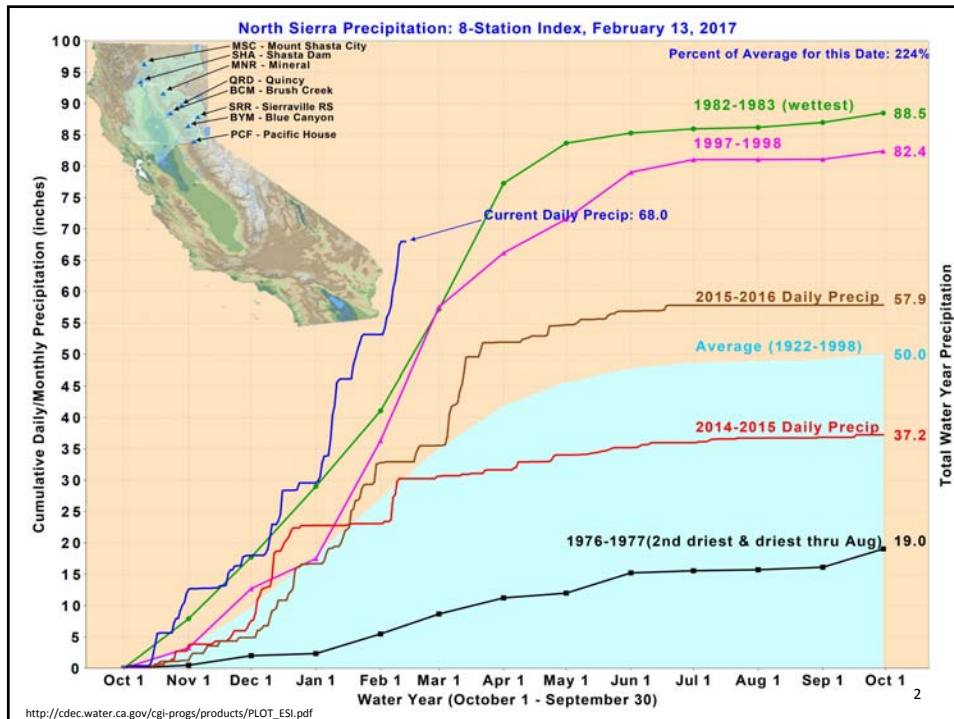


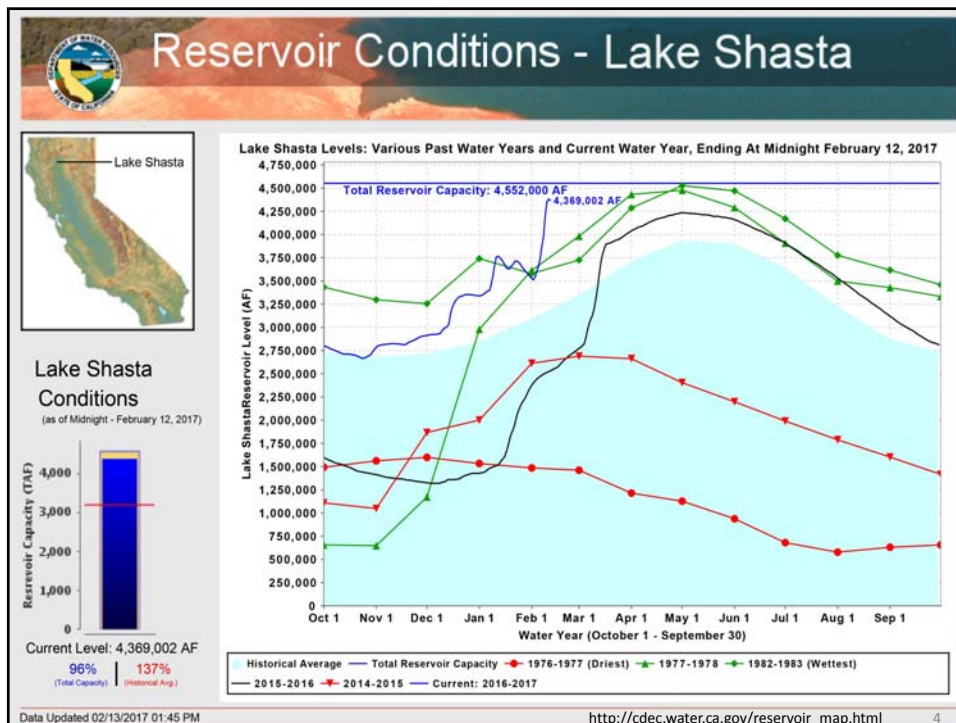
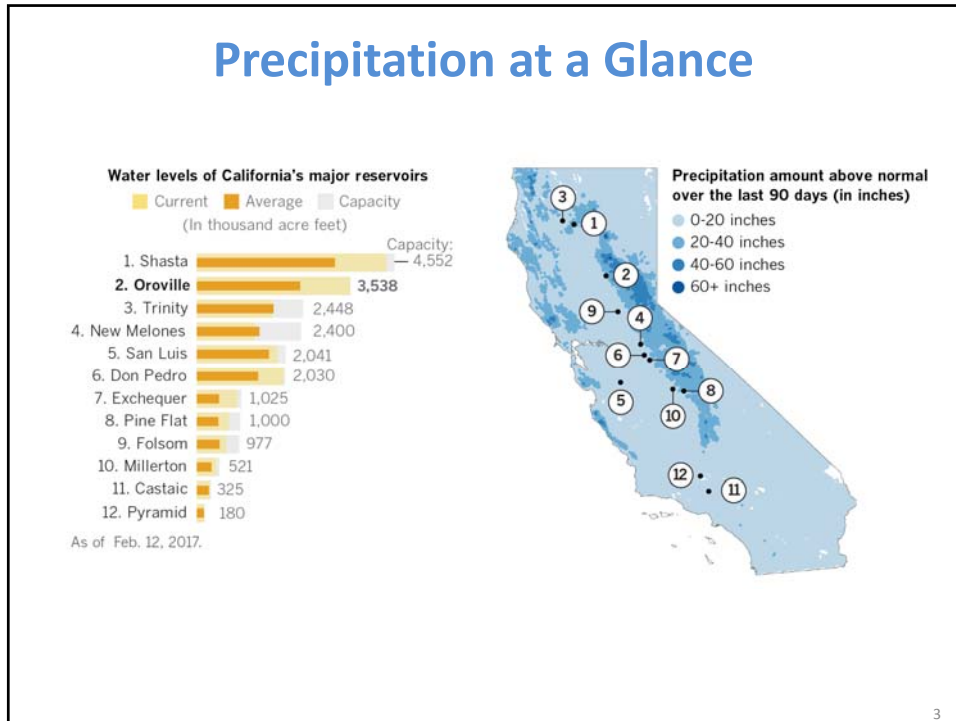
# Focus on Conservation

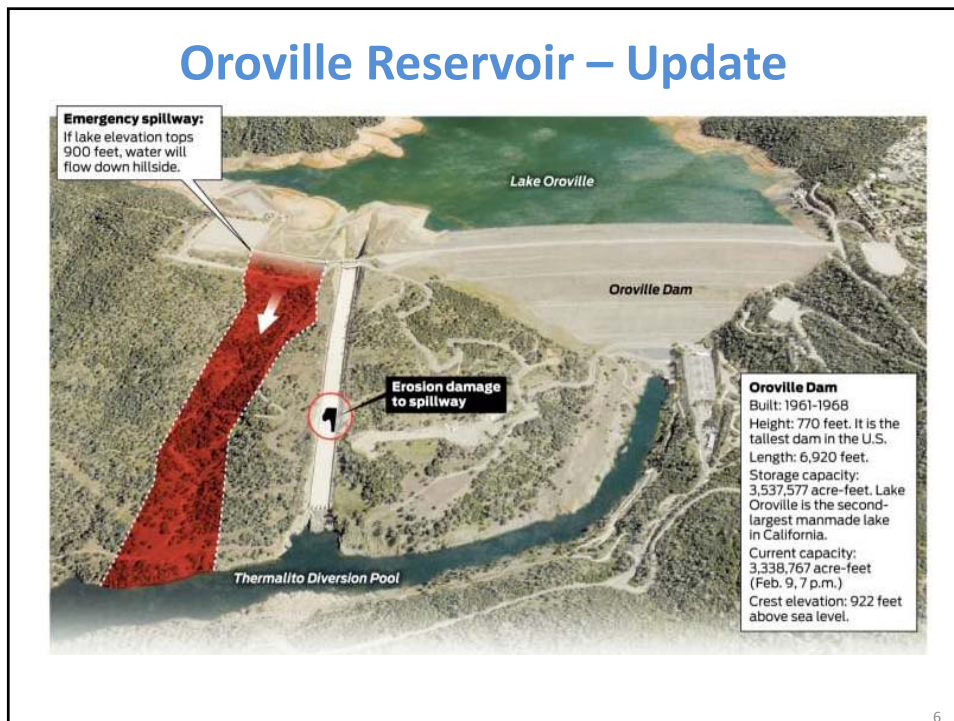
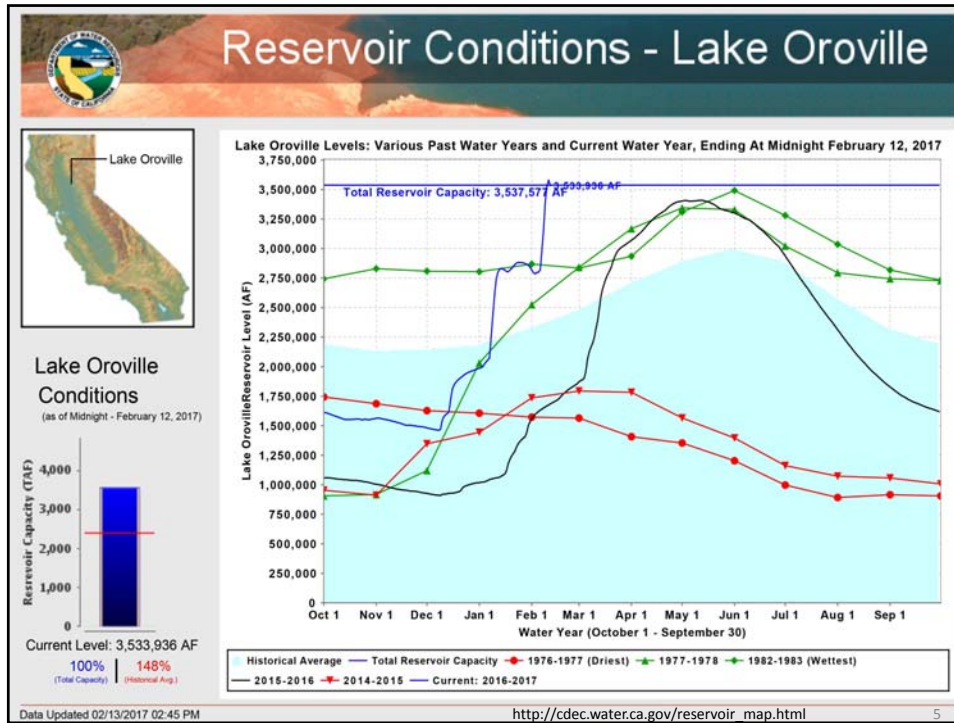
February 14, 2017



Oroville Reservoir – 02/08/17







## Oroville Reservoir – Update



7

## Oroville Reservoir – Update



“...enormous hole, 45’ deep, 300’ wide, and 500’ long...”



8



### Oroville Reservoir – Update



## Oroville Reservoir – Update



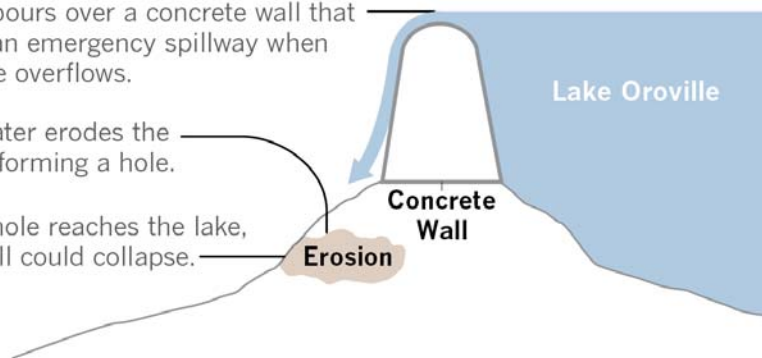
11

## Oroville Reservoir – Update

Water pours over a concrete wall that forms an emergency spillway when the lake overflows.

The water erodes the earth, forming a hole.

If the hole reaches the lake, the wall could collapse.



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## Oroville Reservoir – Update



Marysville cemetery today. There was ground visible yesterday. Downstream of Oroville dam release.

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## Colorado River Conditions

### Lower Colorado Water Supplies

	Lake Mead*	Lake Powell
	Jan 2017	Jan 2017
Current Elevation	1,086.70'	3,595.25'
Current AF	10,574,000	11,302,000
Percent Full	40% (↑ 1%)	46% (↓ 2%)

### Total System Content\*\*

January	Last Year	This Year
Percent Full	49%	49%
AF	29,358,000	29,442,000

**Water year 2017 precipitation to date:**  
135% of normal (16.5")

**Current basin snowpack:**  
155% of normal (15.8")

\* 1075 Feet is Water Shortage Declaration Level (BUREC)

\*\* Includes Lakes Powell, Mead, Mohave, and Havasu.



<http://www.usbr.gov/lc/region/g4000/weekly.pdf>

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## State Water Board Monitoring

Month	2013 Production	2015 /16 Production	Monthly Savings	Cumulative Savings (Since June 2015)
January 2016	316	243	23.0 %	30.8%
February	280	321	-14.6%	28.3%
March	446	322	27.8%	28.3%
April	580	373	35.6%	29.0%
May	654	419	35.9%	29.6%
June	706	516	27.0%	29.4%
July	773	513	33.6%	29.8%
August	783	601	23.2%	29.2%
September	723	517	28.4%	29.1%
October	612	510	16.7%	28.4%
November	461	401	13.0%	27.8%
December	420	262	37.6%	28.1%
January 2017	315	201	36.3%	28.3%

Note: Mandated conservation standard: **Residential GPCD: 51**  
 March 2016 was 32%;  
 April through May was 24%.  
 June and forward is 10% (voluntary)



## State Water Board - Update



- 22.6% Statewide cumulative savings (Jun 15 to Nov 16)
- Improved hydrologic conditions in many parts of CA
- Pockets in some areas with depleted groundwater and other shortfalls
  
- 2/08/17 - SWRCB voted to extend existing emergency conservation regulations another 270 days
  - Prohibition of wasteful practices
  - Update of stress tests if necessary
  - Consider rescinding regulation in May
  - No mandatory conservation if no shortfall
  - Continued **monthly reporting** of water use
  - Continued prohibition on HOAs penalizing residents for implementing conservation in landscape





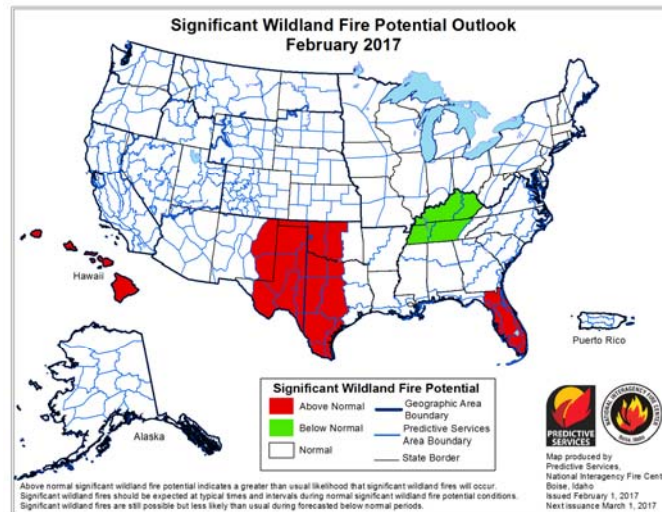
## Legislation Update

- Long term framework report “Making Water Conservation a California Way of Life” submitted to Governor late January
  - Awaiting release from Governor’s office
  - Engagement with elected officials
- Developing proposed long term conservation legislation based on report
  - Discussion on excluding recycled water from conservation mandates and quantities
- Other items (over 3000 bills anticipated):
  - AB18 or SB5: \$3B bond for water, parks, ocean access
  - AB313: Restructure DWR to take water rights admin from SWRCB; change enforcement and review agency; create SWP authority
  - SC4(Hertzberg): amend CA constitution and Prop 218
  - SB231(Hertzberg): set stormwater rate as with water/sewer



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## Significant Wildland Fire Potential



[http://predictiveservices.nifc.gov/outlooks/month1\\_outlook.png](http://predictiveservices.nifc.gov/outlooks/month1_outlook.png)

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## Upcoming District Events

### Friday, March 17<sup>th</sup> (5 – 8 pm)

Workshop – Maximizing Your WaterSmart Experience & Revitalizing Your Landscape  
District Office

### Saturday, March 18<sup>th</sup> (9 am to noon)

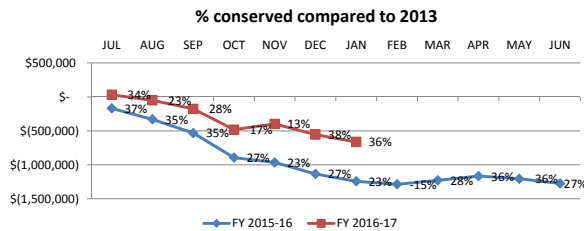
Workshop – Maximizing Your WaterSmart Experience & Revitalizing Your Landscape  
District Office

### Saturday, June 3<sup>rd</sup> (10 am to 2 pm)

Fire & Water Safety Expo'  
Fire Station 4

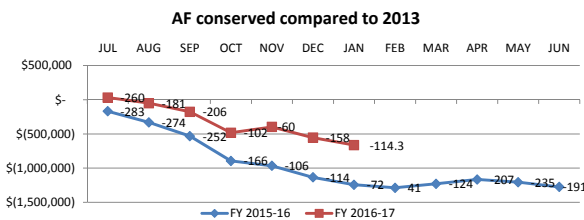


## Drought Impact on Financials



### Assumptions

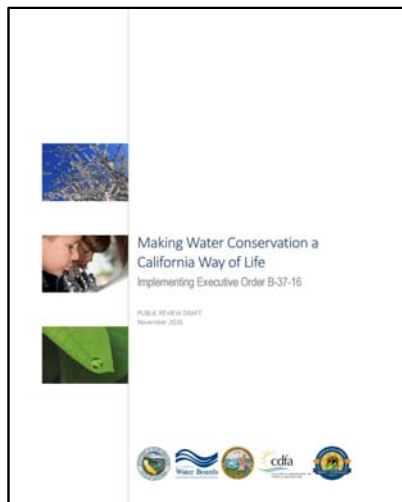
- Dollar amounts shown represent the net revenues and expenses associated with volumetric potable water sales and costs, as compared to budgeted amounts
- Only those accounts based on volume of water are included:
  - Volumetric water sales
  - Volumetric water expense
- Fiscal year budgeted revenues and expenses are allocated to each month based on a 5-year historic average (FY11 – FY15)
- Data labels represent conservation levels compared to 2013, either as percentage (%) or as volume (AF)



# QUESTIONS



## State Draft Long-Term Framework on Conservation and Drought Planning Overview



## December 2016 Public Review Draft

**Chapter 1:** Introduction

**Chapter 2:** Directives implemented within existing authorities

1. 2017 Emergency Water Conservation Regulation
2. Monthly reporting and permanent prohibition of wasteful practices
3. Reduce water supplier leaks and water losses
4. Certification of innovative technologies for water conservation and energy efficiency

**Chapter 3:** Recommendations that require new and expanded authorities to implement

1. New water use targets based on strengthened standards
2. Water shortage contingency plans
3. Drought planning for small water suppliers and rural communities
4. Agricultural water management plans

**Chapter 4:** Implementing the Conservation Framework

*Comment Letters Submitted. Administrative Draft of Report to go to Governor's office January 20th.*

## Emergency Water Conservation Regulation for 2017

- Existing Regulation expires February 28, 2017
- **January 18, 2017** - SWRCB to hold public workshop to review options for extended regulation
- February 7, 2017 – SWRCB considers approval
- SWRCB may consider keeping current regulation and revising in April 2017

### Comments

1. SWRCB should rescind the emergency regulations based on above normal hydrologic conditions.
2. If continued, SWRCB must retain the current regulation (**stress test**), which takes into account local supply conditions