

Emergency Water Conservation Regulation Update

Office of Research, Planning, and Performance

May 3, 2016



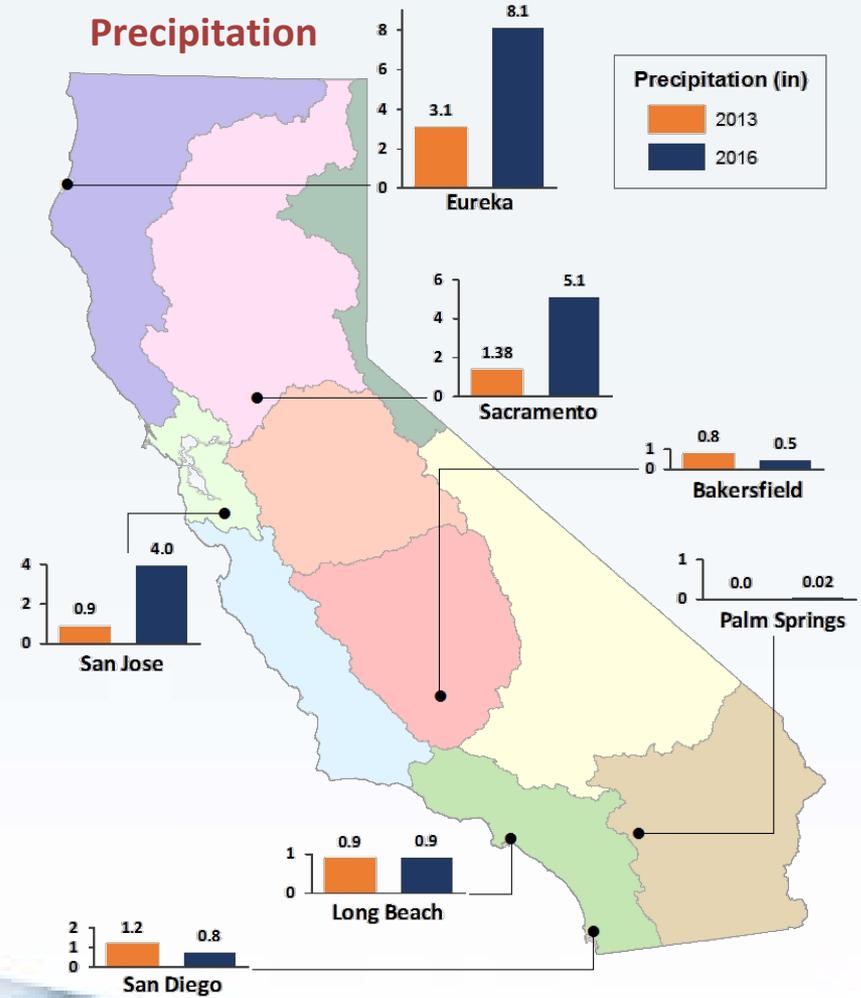
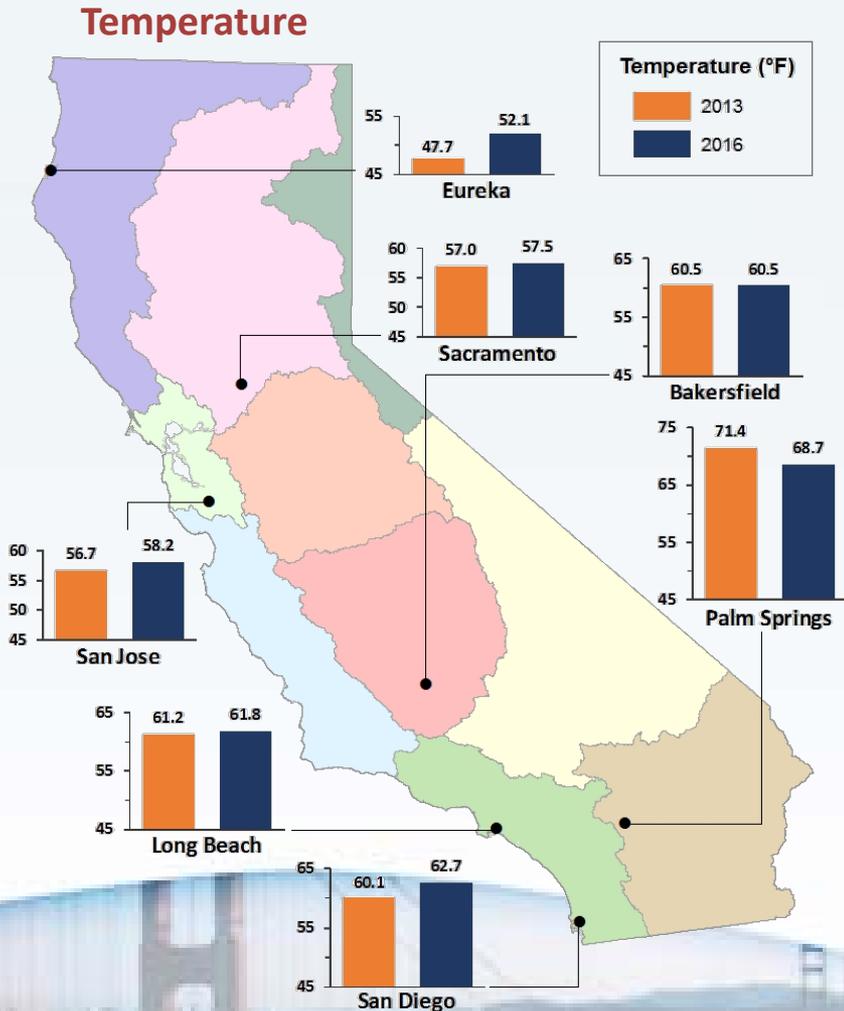
Status of Implementation

- Water production data collected from June 2014 through March 2016 (22 months)
- Tenth month with statewide urban water conservation requirements
- Adjusted conservation standards took effect March 1st
- Water Board enforcement actions taken based on June 2015 – March 2016 cumulative supplier compliance



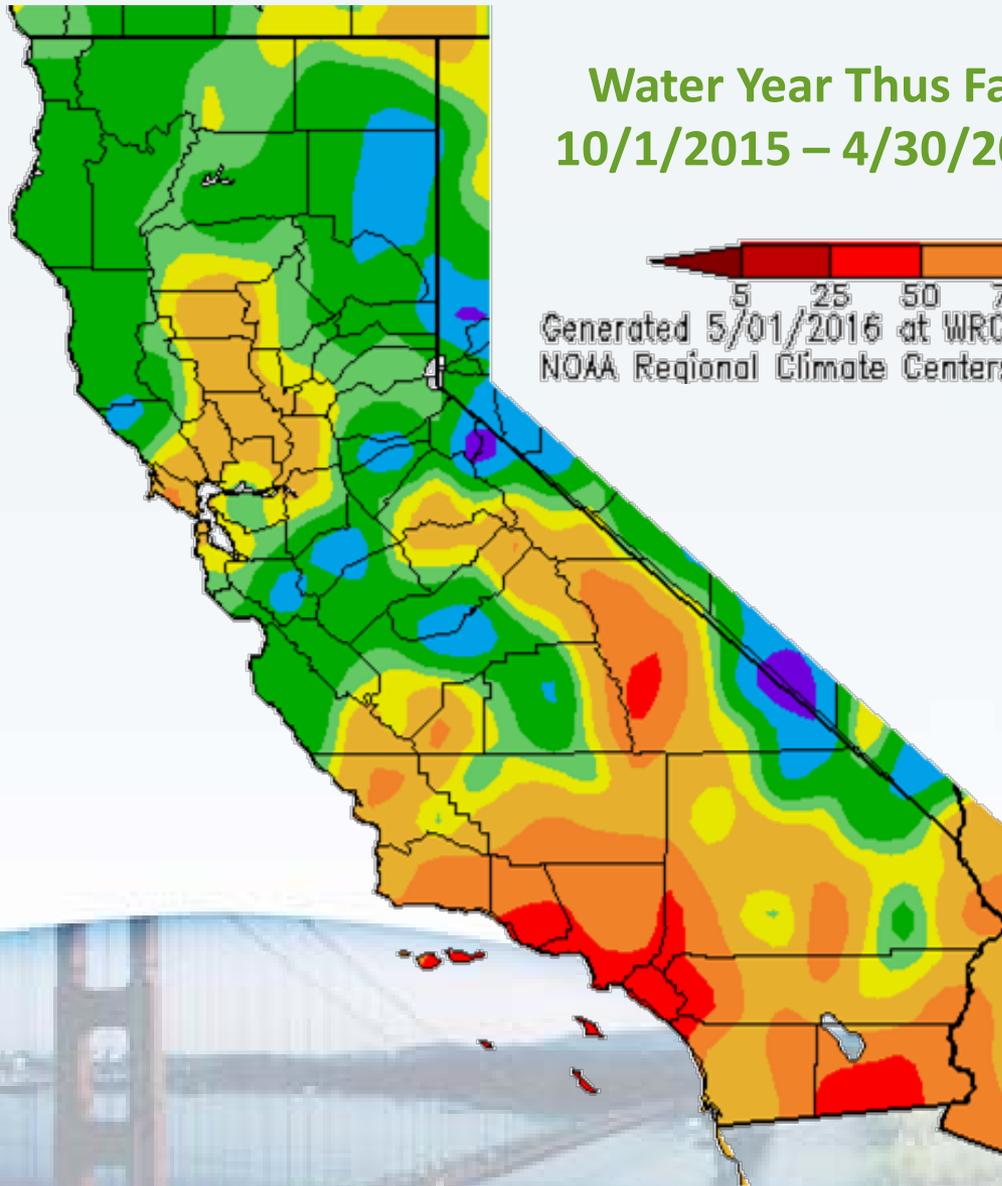
March Weather Conditions

(Select Cities)



Statewide, March 2016 was cooler and wetter than March 2013

Percent of Average Precipitation



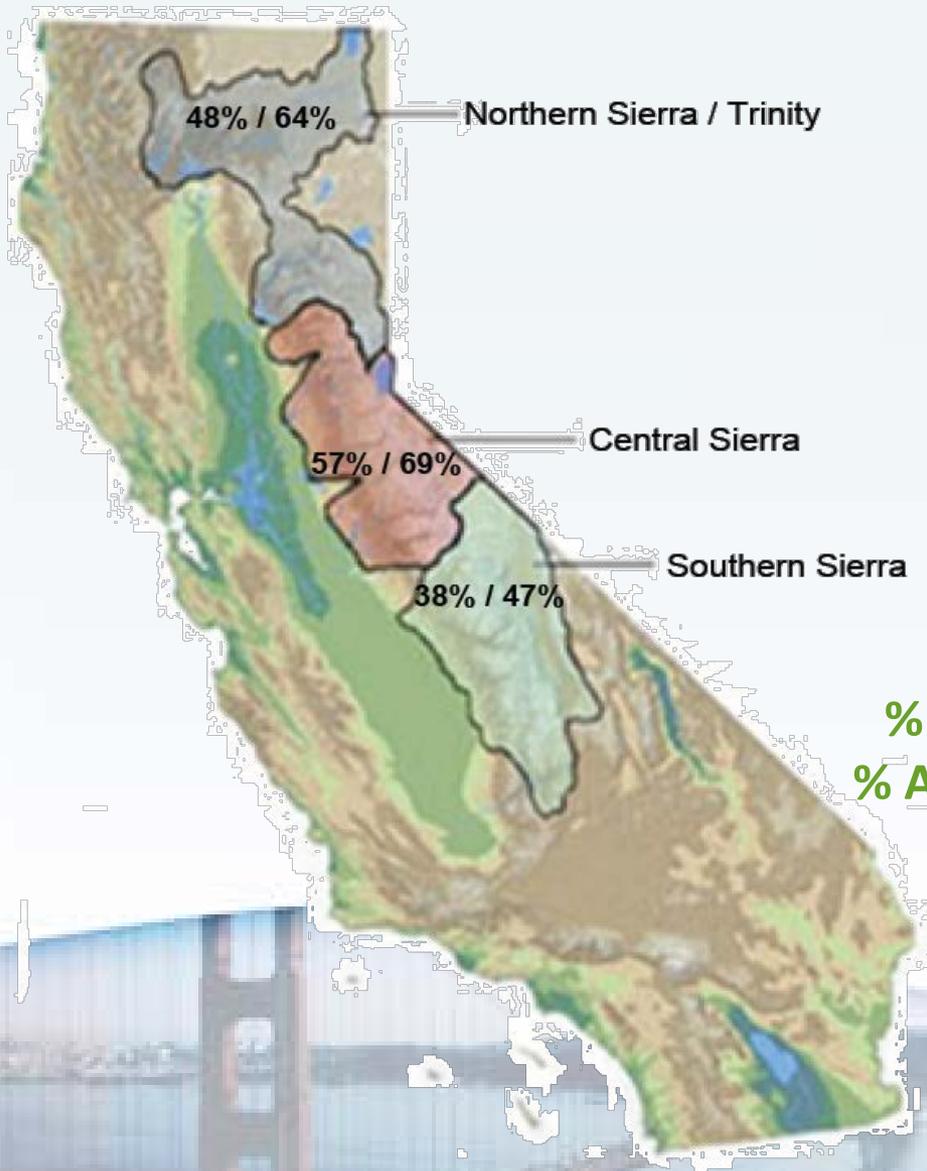
Water Year Thus Far:
10/1/2015 – 4/30/2016



Generated 5/01/2016 at WRCC using provisional data.
NOAA Regional Climate Centers

Snow Water Equivalents

(Inches, as of April 29, 2016)



Statewide Summary

Number of Stations Reporting	95
Average Snow Water Equivalent (in)	13.9
Percent of April 1 Average (%)	49
Percent of Normal for this Date	61

**% April 1st Average /
% Average for This Date**

Reservoir Storage

(As of May 1, 2016)

Reservoir	Capacity Thousand Acre-Feet (TAF)	% Capacity	% Historic Average
Shasta	4,552	93	108
Oroville	3,538	96	118
Trinity Lake	2,448	61	74
New Melones	2,420	26	41
San Luis	2,039	47	52
Don Pedro	2,030	67	92
McClure (Exchequer)	1,024	47	79
Pine Flat	1,000	52	85
Folsom	977	85	113
Bullards Bar	966	91	115

100%

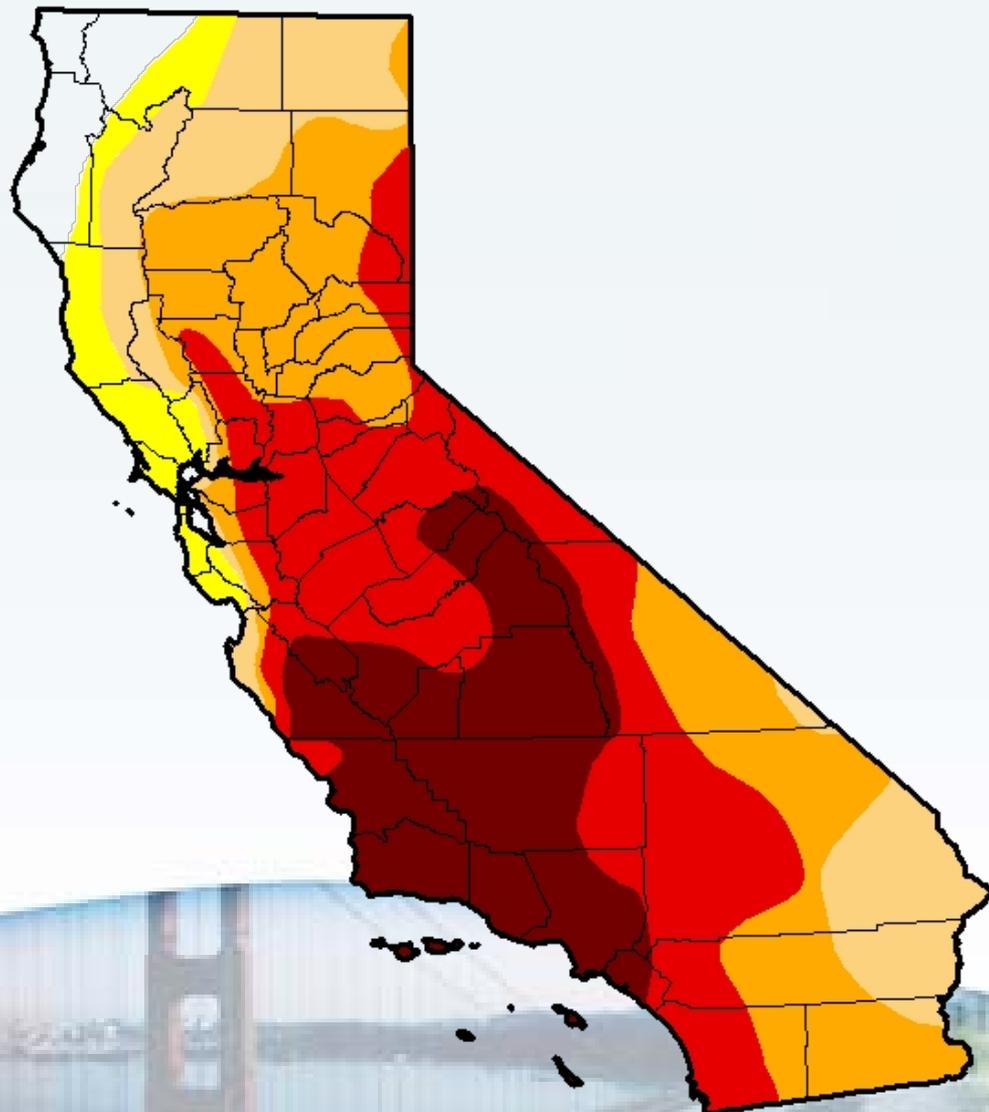
100%

U.S. Drought Monitor California

April 26, 2016
(Released Thursday, Apr. 28, 2016)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	4.24	95.76	90.09	74.37	49.15	21.04
Last Week <i>4/19/2016</i>	4.24	95.76	90.09	74.37	49.15	21.04
3 Months Ago <i>1/26/2016</i>	0.00	100.00	95.35	86.13	63.96	40.21
Start of Calendar Year <i>12/29/2015</i>	0.00	100.00	97.33	87.55	69.07	44.84
Start of Water Year <i>9/29/2015</i>	0.14	99.86	97.33	92.36	71.08	46.00
One Year Ago <i>4/28/2015</i>	0.14	99.86	98.11	93.44	66.60	46.77



Intensity:

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

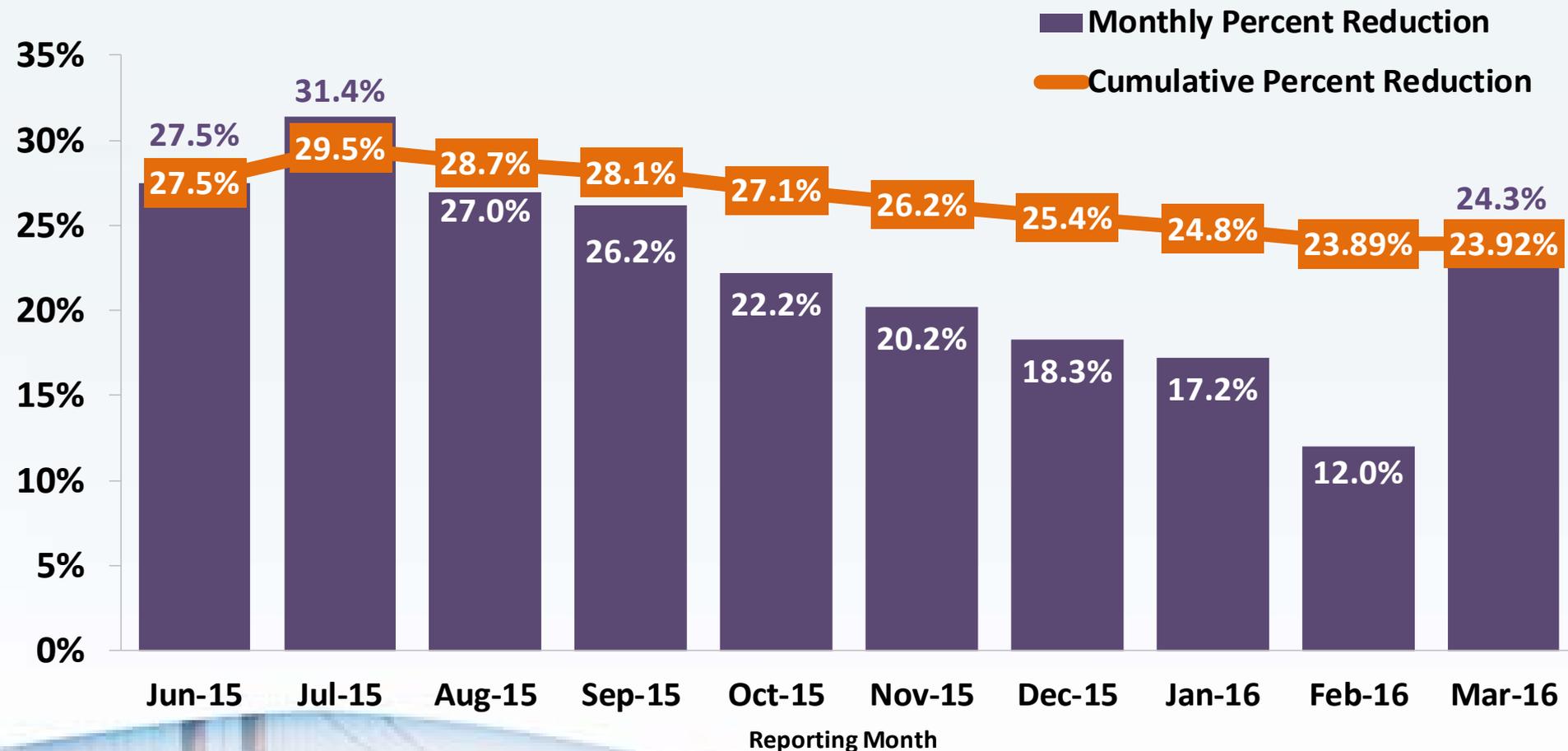
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

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Statewide Water Production Percent Reduction

(Compared to 2013)



March 2016 savings (35.0 billion gallons or 107,468 acre-feet) keep statewide 10-month cumulative savings at 23.9 percent

Statewide Cumulative Savings

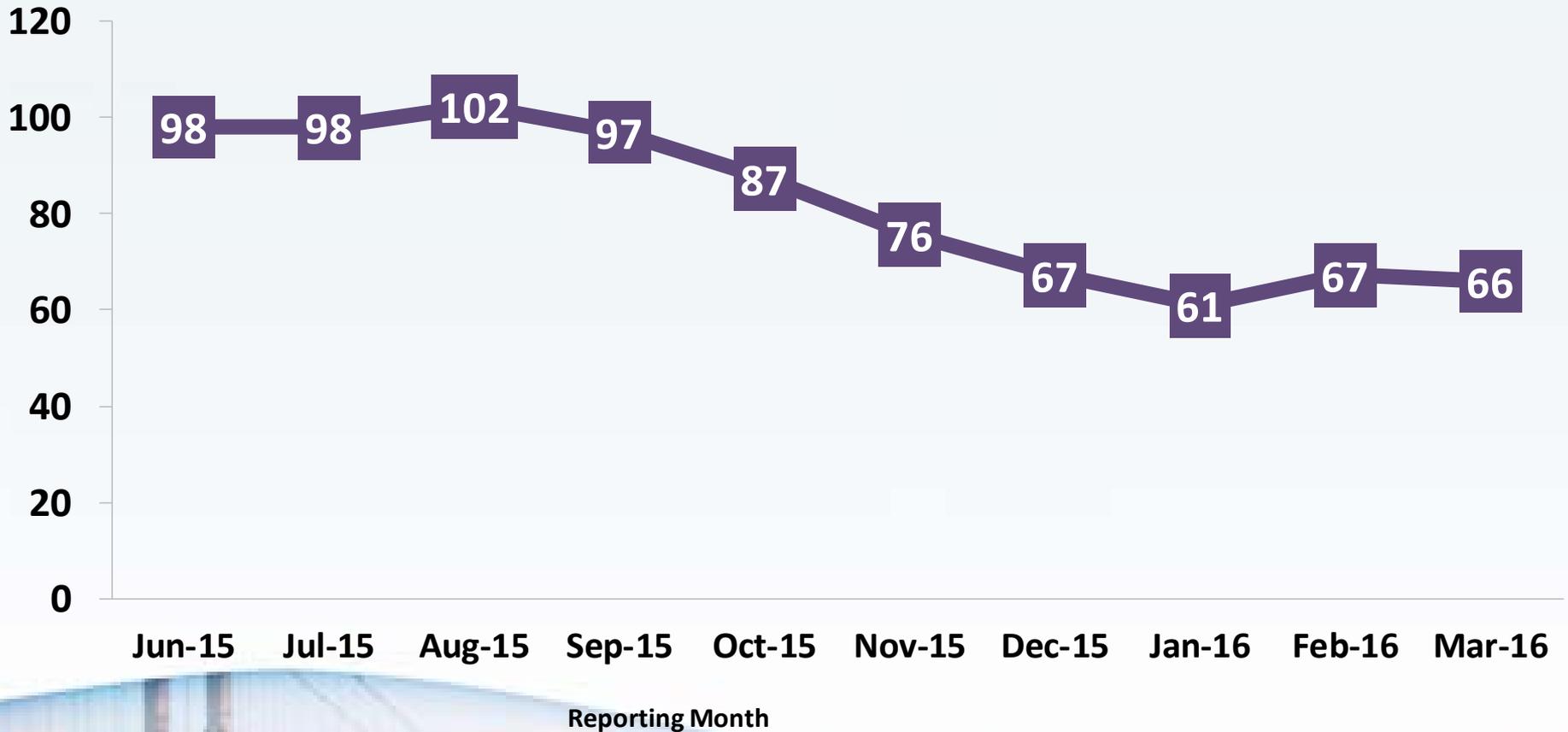
(June 2015 – March 2016)

- 1,295,703 acre-feet
(422.2 billion gallons)
of water saved
- Savings is enough to provide
6.5 million Californians
(17% of state population)
with water for one year



Statewide Monthly Average Residential Gallons per Capita per Day

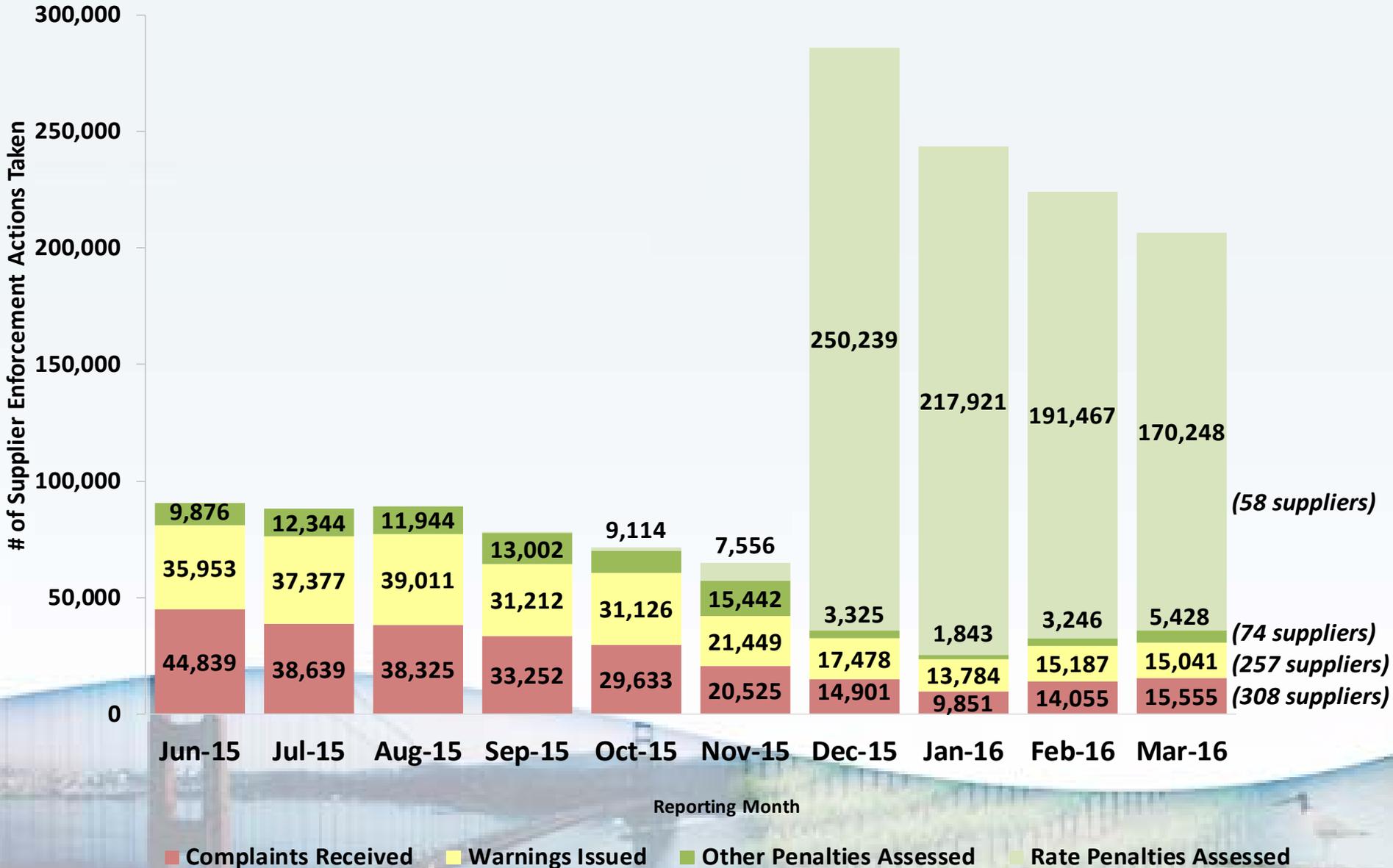
(June 2015 – March 2016)



Average Statewide March 2016 R-GPCD = 66

Supplier Enforcement Actions Taken

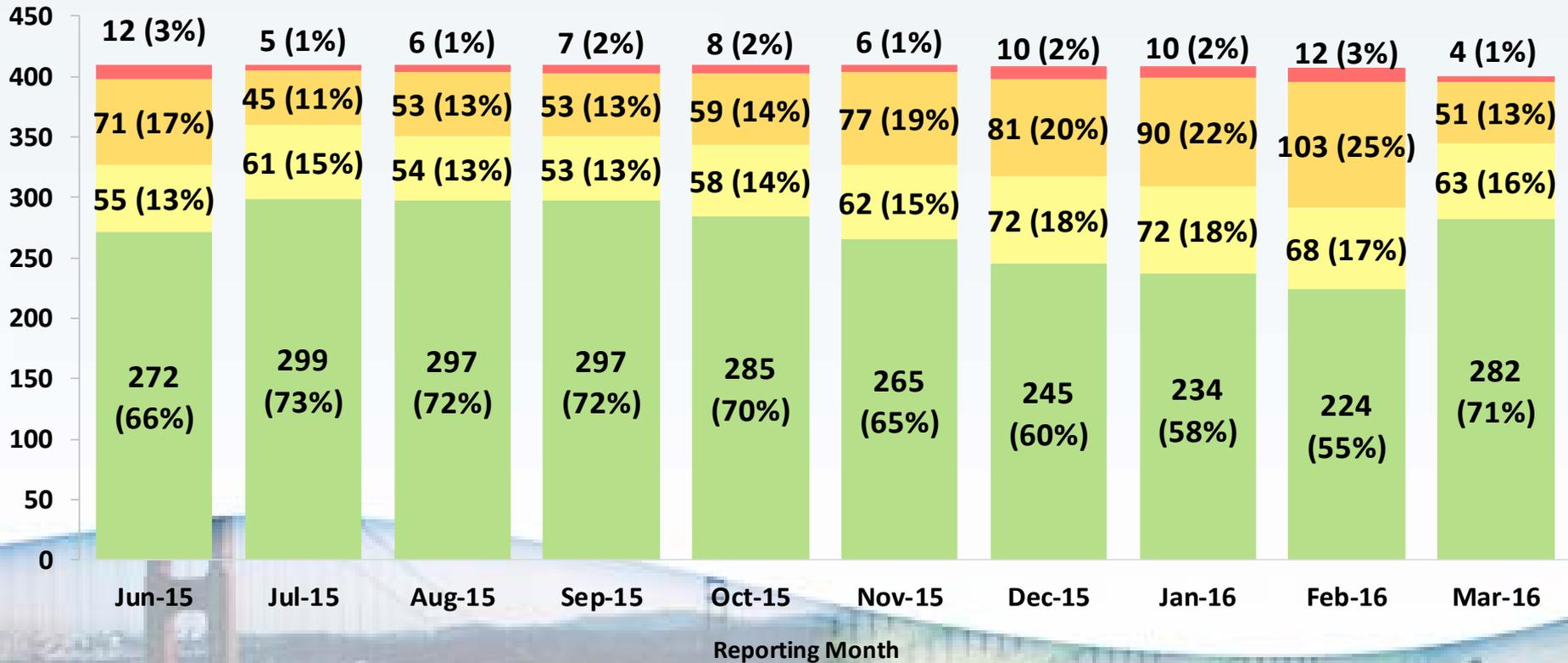
(June 2015 – March 2016)



Suppliers Reporting by Compliance Priorities

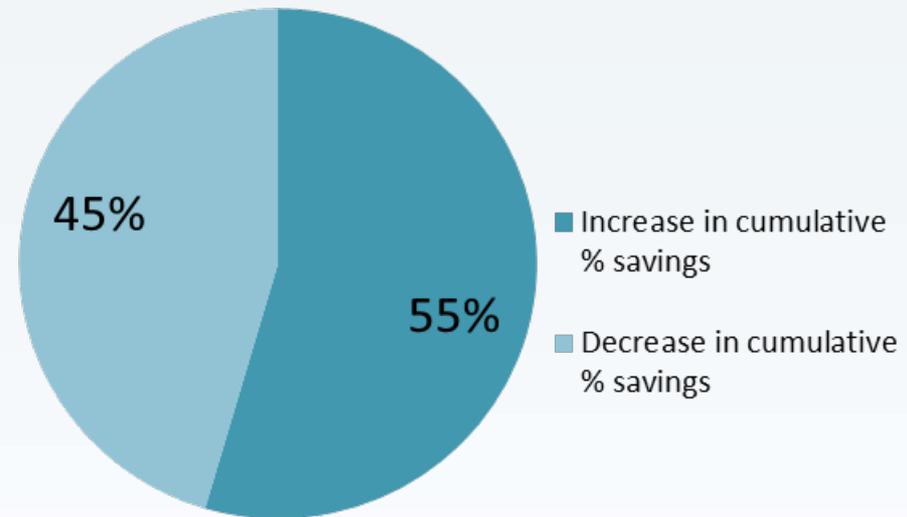
(June 2015 – March 2016)

- 1 Greater than 15 percentage points from meeting standard
- 2 Between five and 15 percentage points from meeting standard
- 3 Between one and five percentage points from meeting standard
- 0 Met or within one percentage point from meeting standard



Performance for Suppliers with Conservation Orders (11)

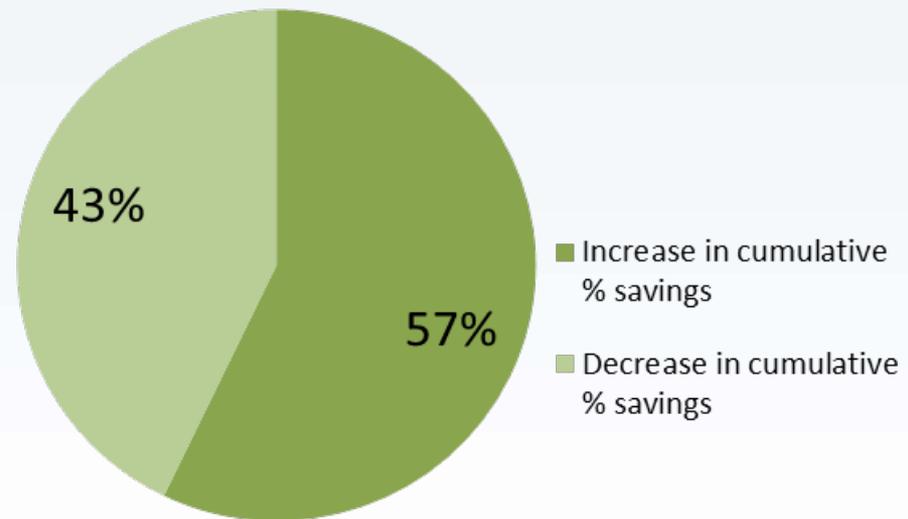
- **One supplier is meeting its new conservation standard**
- 6 out of 11 suppliers show upward trends for cumulative % savings
- Missing cumulative % and volumes by
 - Between 1 and 20%
 - Between 13 and 296 million gallons
- Improved significantly since February



Performance for Suppliers with Alternative Compliance Orders (7)

- **All suppliers meeting directives of their orders**
- 3 suppliers are meeting new conservation standards
- 4 out of 7 suppliers show upward trends for cumulative % savings

- Progress will continue to be tracked moving forward



Next Steps

- Draft proposed regulatory language under development
- Board adoption hearing scheduled for May 18
- New conservation requirements would go into effect June 1



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and Our Trees!**

saveourwater.com/trees