

Update on Emergency Water Conservation Regulation

Office of Research, Planning, and Performance

December 6, 2016 – Item 8



October 2016 Status of Implementation

- Water production data collected since June 2014
- Seventeen months of statewide urban water conservation requirements (since June 2015)
- Statewide water conservation in October 2016
 - 19.5 percent compared to October 2013 baseline
 - Cumulative water savings
 - 22.8 percent since June 2015 (2.26 MAF)
 - 19.4 percent since June 2016 (0.65 MAF)



Statewide Cumulative Savings

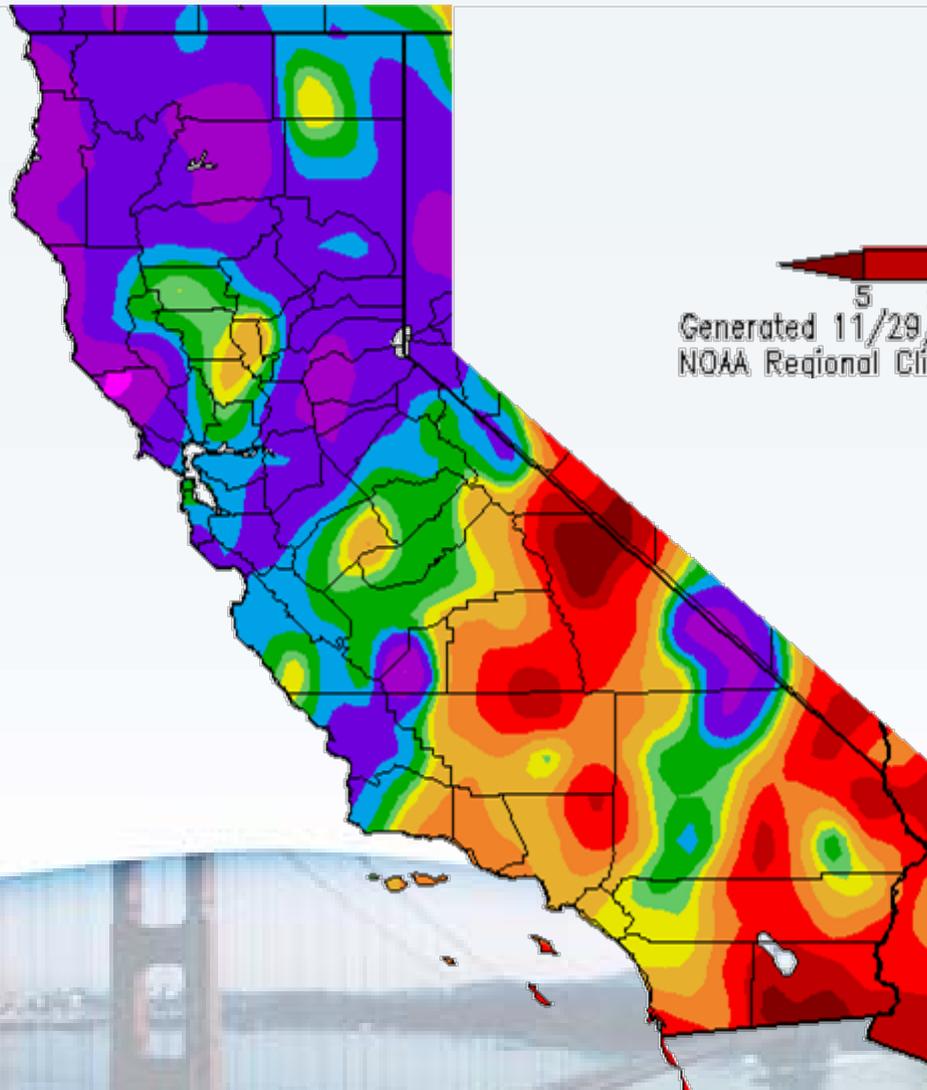
(June 2015 – October 2016)

- 2,259,111 acre-feet (736 billion gallons) of water saved
- Savings is enough to provide 11.3 million Californians (29.1% of state population) with water for one year



Percent of Average Precipitation

Water Year Thus Far:
10/1/2016 – 11/30/2016



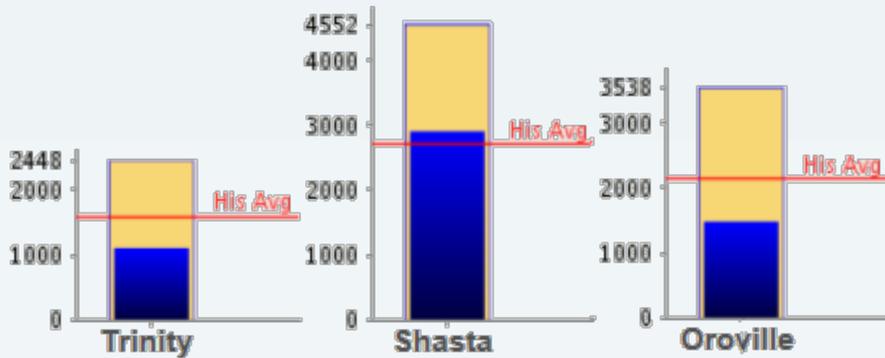
Generated 11/29/2016 at WRCC using provisional data.
NOAA Regional Climate Centers

Reservoir Storage

(As of November 30, 2016)

LEGEND

Blue Bar: Storage level for date
Gold Bar: Total reservoir capacity.
Red Line: Historic level for date.



Trinity
 45% (Total Cap.) | 70% (Hist. Avg.)

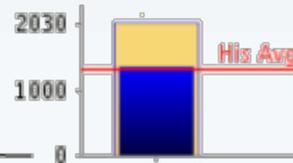
Shasta
 64% (Total Cap.) | 108% (Hist. Avg.)

Oroville
 42% (Total Cap.) | 69% (Hist. Avg.)



Melones
 22% (Total Cap.) | 39% (Hist. Avg.)

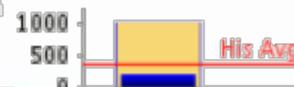
Folsom
 46% (Total Cap.) | 95% (Hist. Avg.)



Don Pedro
 67% (Total Cap.) | 103% (Hist. Avg.)



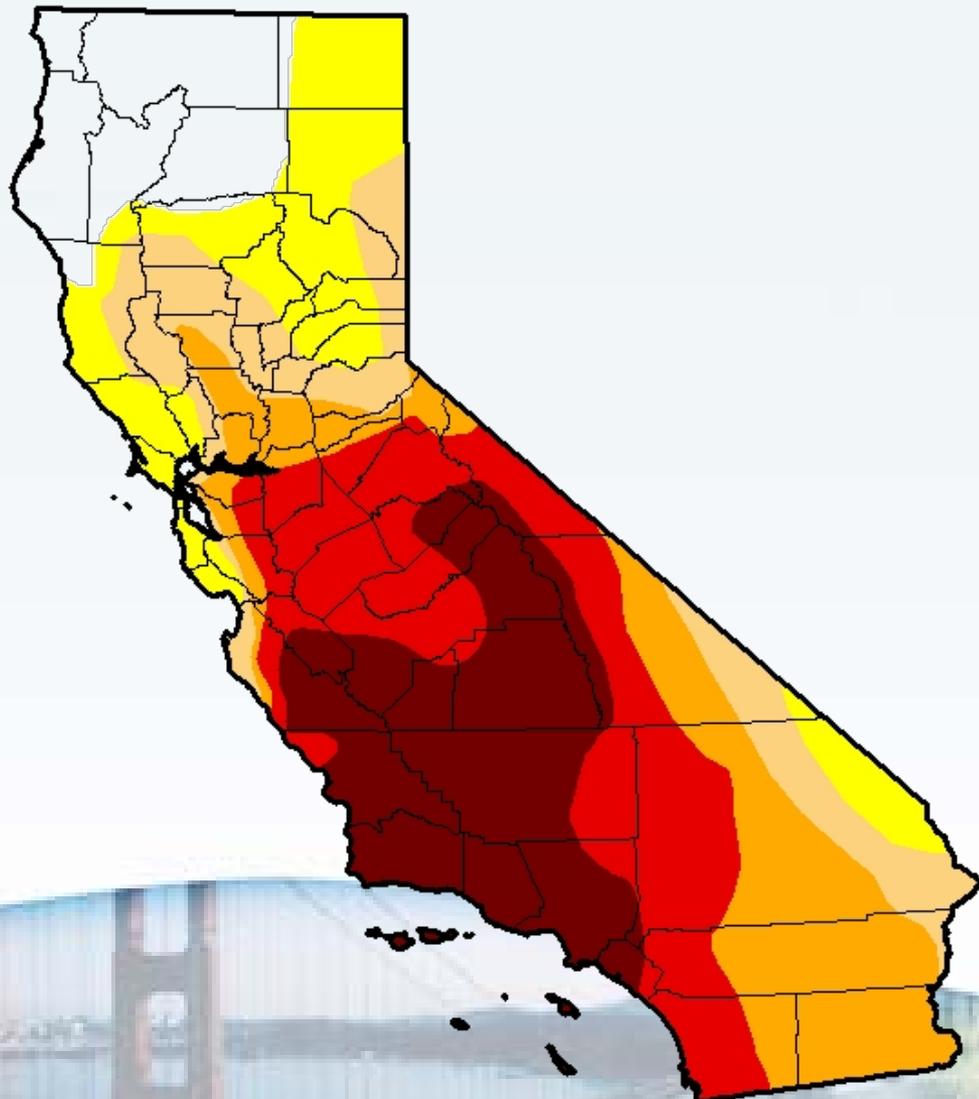
McClure
 38% (Total Cap.) | 86% (Hist. Avg.)



Pine Flat
 21% (Total Cap.) | 56% (Hist. Avg.)

U.S. Drought Monitor California

November 29, 2016
(Released Thursday, Dec. 1, 2016)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	12.03	87.97	73.04	60.27	42.80	21.04
Last Week <i>11/22/2016</i>	12.03	87.97	73.04	60.27	42.80	21.04
3 Months Ago <i>8/30/2016</i>	0.00	100.00	83.59	59.02	42.80	21.04
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>9/27/2016</i>	0.00	100.00	83.59	62.27	42.80	21.04
One Year Ago <i>12/1/2015</i>	0.14	99.86	97.33	92.26	70.55	44.84

Intensity:

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

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

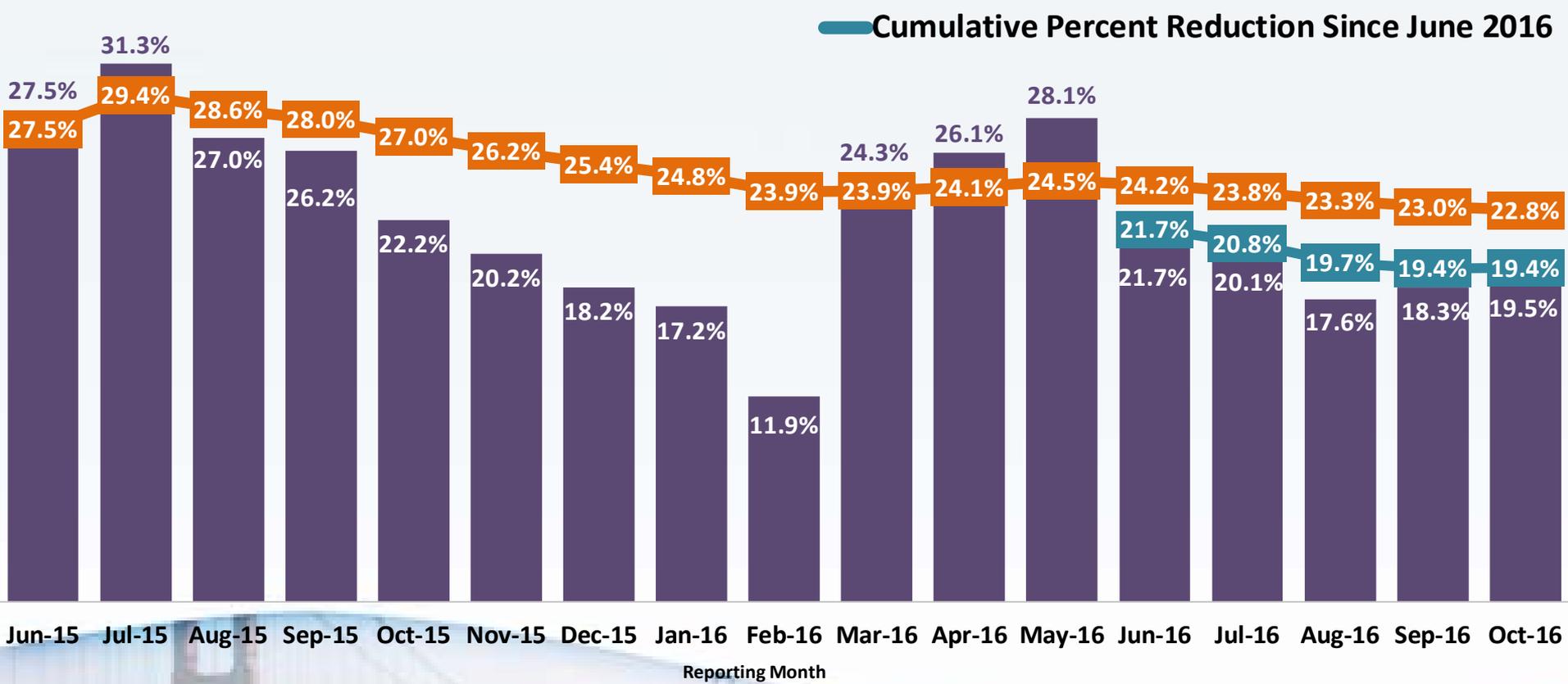
Author:
Richard Heim
NCEI/NOAA



Statewide Water Production Percent Reduction

(Compared to 2013)

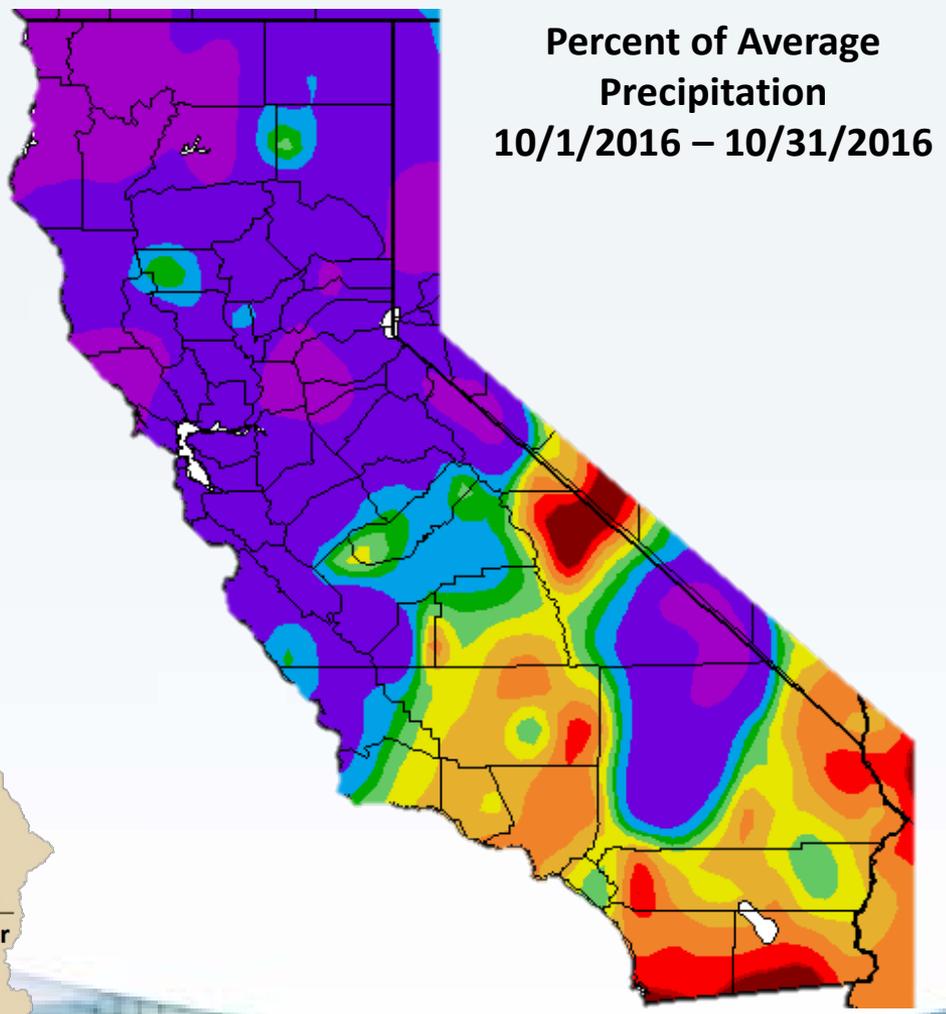
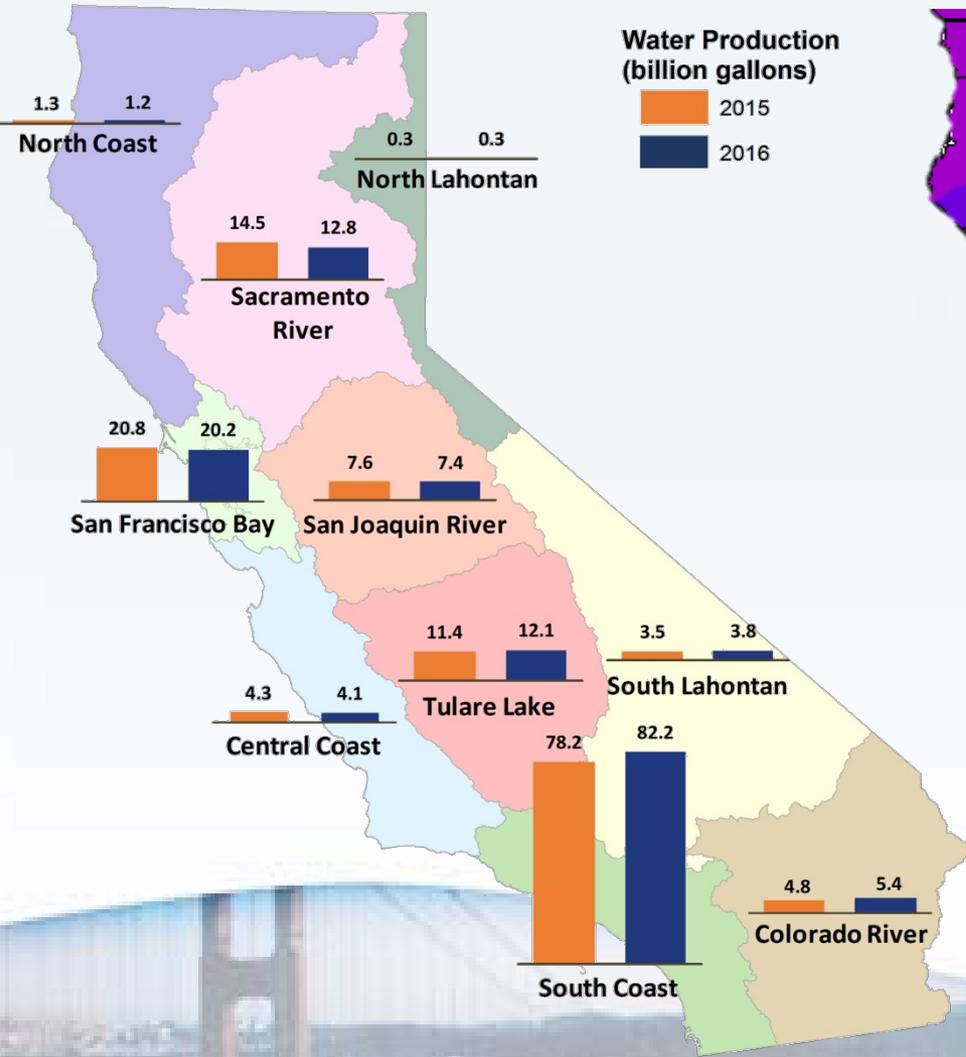
- Monthly Percent Reduction
- Cumulative Percent Reduction Since June 2015
- Cumulative Percent Reduction Since June 2016



Average Statewide October 2016 R-GPCD = 89.5

Water Production by Hydrologic Region

(October 2016 Compared to October 2015)

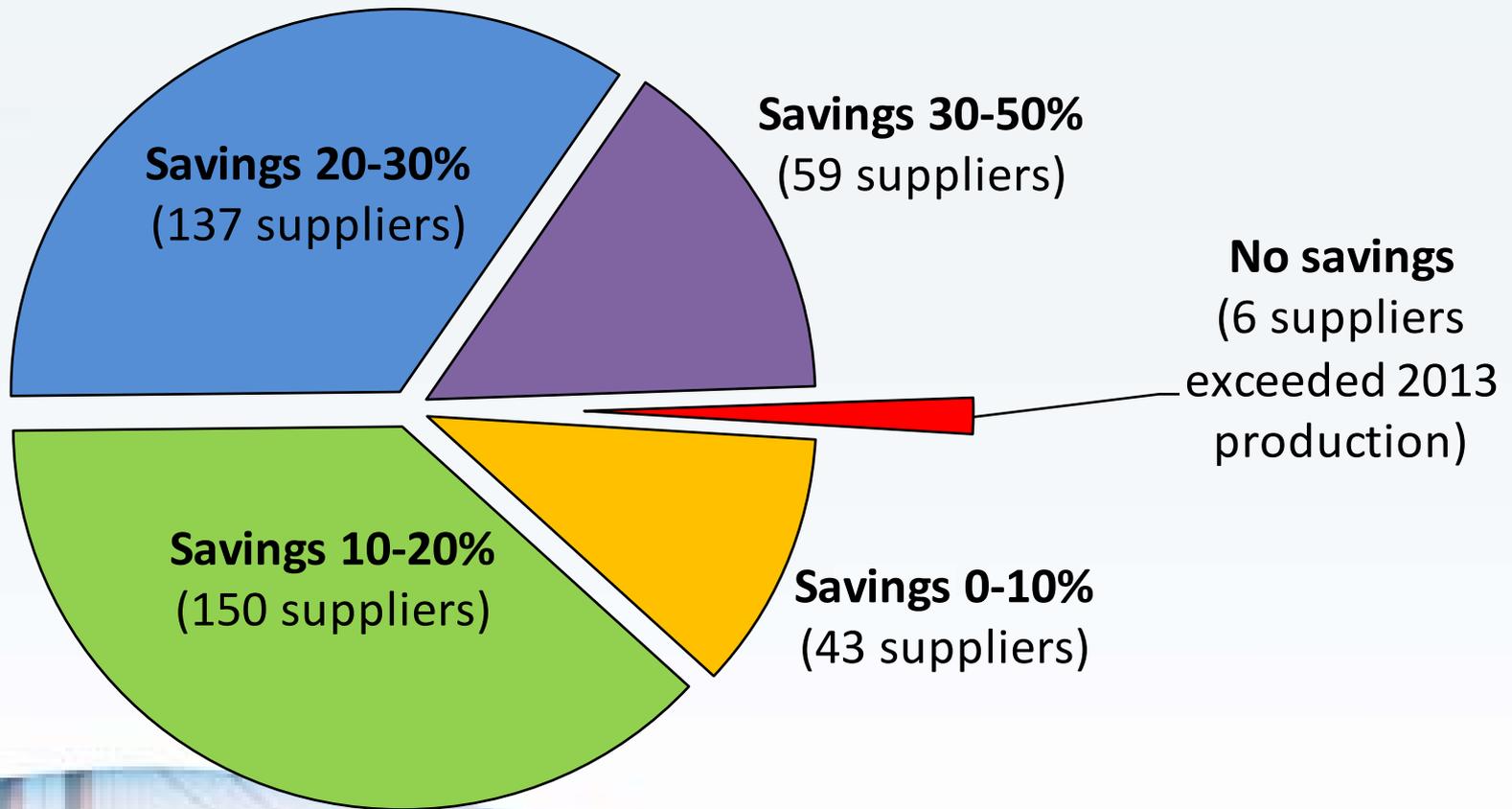


http://www.wrcc.dri.edu/anom/cal_anom.html



Monthly Water Savings Achieved by Suppliers

(October 2016)



Conservation Compliance & Enforcement

- Follow up with non-reporting suppliers
- Supplemental Environmental Projects (SEPs)
 - Indio Water Authority project nearing completion
 - Coachella Valley Water District SEP, and City of Redlands SEP to be completed in Spring and Summer 2017



EO B-37-16: Making Conservation a California Way of Life

- Draft report released on November 30:
[www.waterboards.ca.gov/water_issues/
programs/conservation_portal/docs/
2016nov/113016_executive_order_report.pdf](http://www.waterboards.ca.gov/water_issues/programs/conservation_portal/docs/2016nov/113016_executive_order_report.pdf)
- Webinar on December 7
 - Material at www.water.ca.gov/calendar/
- Public comments due **December 19, 2016**



Next Steps

- Small water supplier reports due December 15
- Urge cool/wet season conservation messaging
- Workshop on extending emergency conservation regulation
 - Tentatively scheduled for January 18, 2017



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and Our Trees!**

saveourwater.com/trees