

# **Update on Emergency Water Conservation Regulation**

Office of Research, Planning, and Performance

January 4, 2017 – Item 5



# November 2016 Status of Implementation

- Water production data collected since June 2014
- Eighteen months of statewide urban water conservation requirements (since June 2015)
- Statewide water conservation in November 2016
  - 18.8 percent compared to November 2013 baseline
  - Cumulative water savings
    - 22.6 percent since June 2015 (2.35 MAF)
    - 19.3 percent since June 2016 (0.74 MAF)



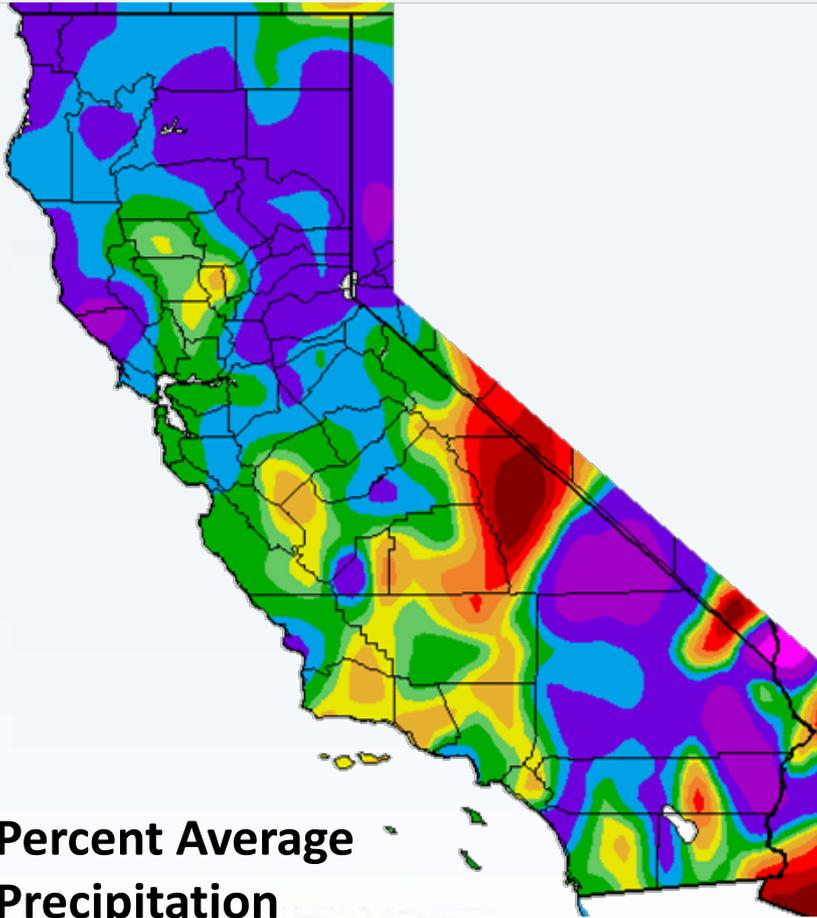
# Statewide Cumulative Savings

(June 2015 – November 2016)

- 2,347,125 acre-feet (765 billion gallons) of water saved
- Savings is enough to provide 11.7 million Californians (30% of state population) with water for one year



# Current Hydrologic Conditions



**Percent Average  
Precipitation**

**Water Year Thus Far:  
10/1/2016 – 12/26/2016**



Generated 12/22/2016 at WRCC using provisional data.  
NOAA Regional Climate Centers



## Regional Snowpack

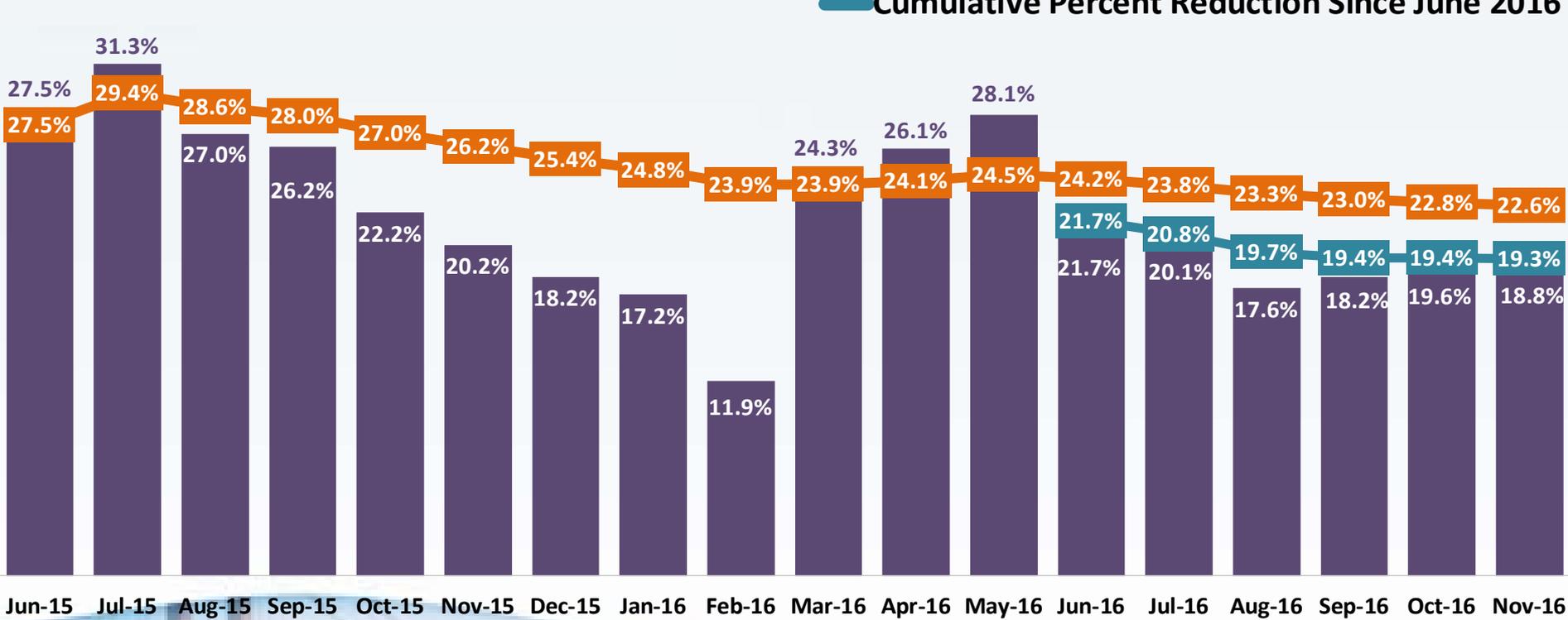
| STATE                                  |     |
|--|-----|
| Data as of December 30, 2016           |     |
| Number of Stations Reporting           | 104 |
| Average snow water equivalent (Inches) | 6.5 |
| Percent of April 1 Average (%)         | 23  |
| Percent of normal for this date (%)    | 67  |

Data source: [cdec.water.ca.gov/cdecapp/snowapp/sweq.action](http://cdec.water.ca.gov/cdecapp/snowapp/sweq.action)

# Statewide Water Production Percent Reduction

(Compared to 2013)

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

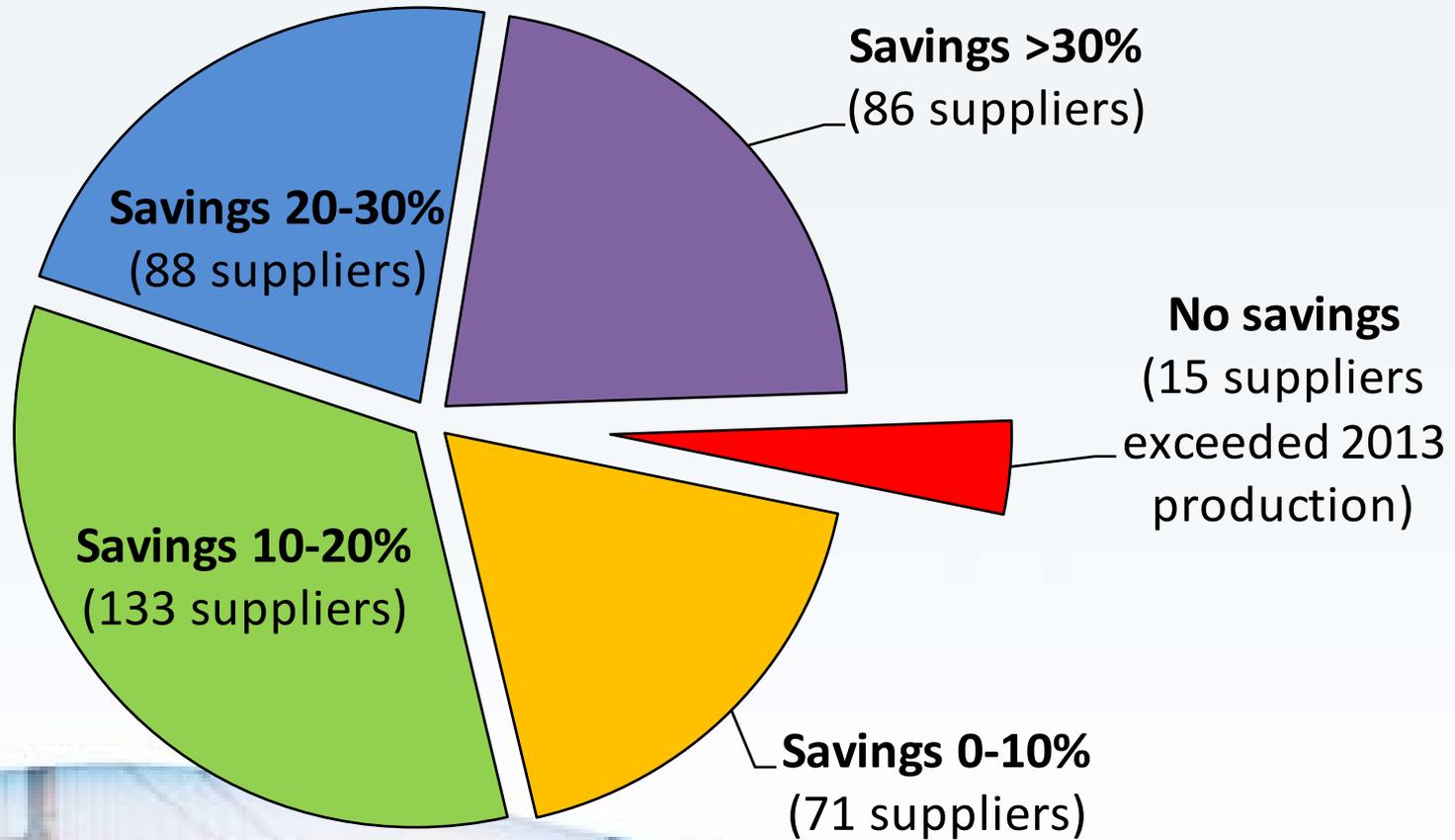


Reporting Month

**Average Statewide November 2016 R-GPCD = 76.6**

# Monthly Water Savings Achieved by Suppliers

(November 2016)



# Highlights

## Continued Conservation Effort

| Supplier Name                          | State-mandated Conservation Standard | Applicable Cumulative Savings | Monthly % Savings (compared to 2013) |          | Water Use Nov 2016 R-GPCD | Population Served |
|--|--------------------------------------|-------------------------------|--------------------------------------|----------|---------------------------|-------------------|
|  |                                      |                               | Nov 2015                             | Nov 2016 |                           |                   |
| Whittier                               | 0%                                   | 18%                           | 12%                                  | 29%      | 70                        | 49,954            |
| San Buenaventura *                     | 16%                                  | 22%                           | 15%                                  | 24%      | 66                        | 113,478           |
| CA Water Service Co East Los Angeles   | 0%                                   | 15%                           | 12%                                  | 14%      | 39                        | 158,775           |
| Golden State Water Company Norwalk     | 0%                                   | 11%                           | 12%                                  | 12%      | 56                        | 44,466            |
| Long Beach                             | 0%                                   | 14%                           | 12%                                  | 13%      | 59                        | 487,603           |
| Lake Hemet Municipal Water District    | 15%                                  | 33%                           | 33%                                  | 33%      | 106                       | 52,914            |
| Tustin                                 | 0%                                   | 23%                           | 21%                                  | 33%      | 86                        | 67,700            |
| Triunfo Sanitation District / Oak Park | 0%                                   | 29%                           | 24%                                  | 27%      | 117                       | 12,200            |
| West Valley Water District             | 0%                                   | 19%                           | 20%                                  | 27%      | 100                       | 81,878            |

\* did not self-certify



# Small Water Suppliers

- Emergency water conservation
  - No state-mandated conservation standard
  - Annual reporting requirement: monthly water production, and water conservation actions
- 1,356 reports received by December 29, 2016
  - 53% have a leak detection system
  - One third expressed interest in technical assistance



# Next Steps

- Urge cool/wet season conservation messaging
- Workshop on extending emergency conservation regulation on January 18
  - [http://www.waterboards.ca.gov/water\\_issues/programs/conservation\\_portal/emergency\\_regulation.shtml](http://www.waterboards.ca.gov/water_issues/programs/conservation_portal/emergency_regulation.shtml)
  - Webcast: <https://video.calepa.ca.gov/>



**Save Our Water  
and Our Trees!**

[saveourwater.com/trees](http://saveourwater.com/trees)