Emergency Conservation Regulation Update

Office of Research, Planning, and Performance

October 7, 2015

CALIFORNIA
Water Boards

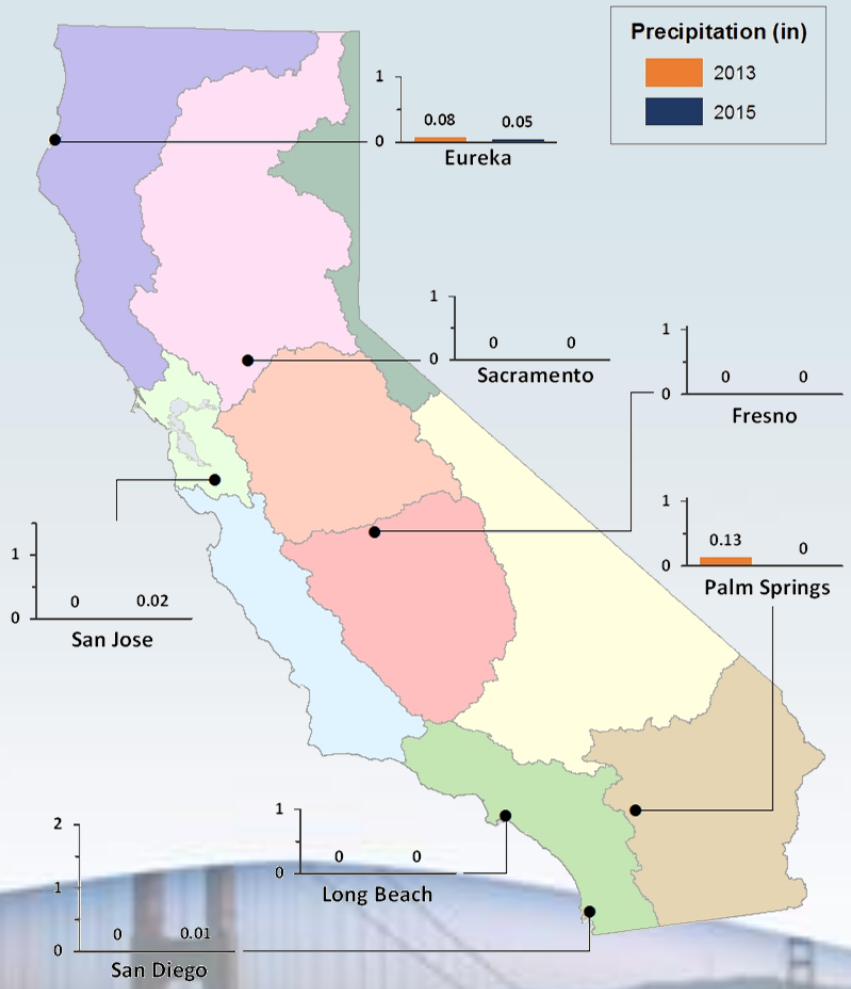
Status of Implementation

- Water production data collected from June 2014 through August 2015 (15 months)
- Third month with statewide goal to reduce total potable urban water use by 25 percent
- 406 (of 411) urban water suppliers submitted August production and enforcement numbers
- Enforcement follow-up on June and July conservation for all 411 urban water suppliers

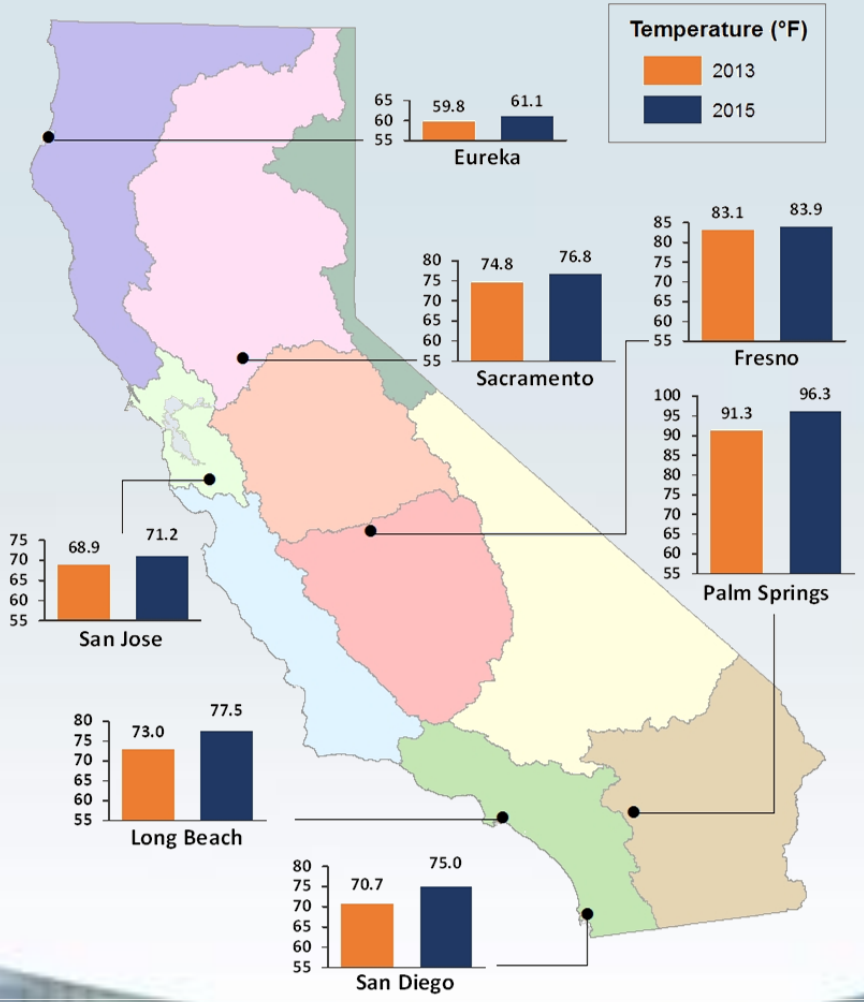
August Weather Conditions

(Select Cities)

Precipitation



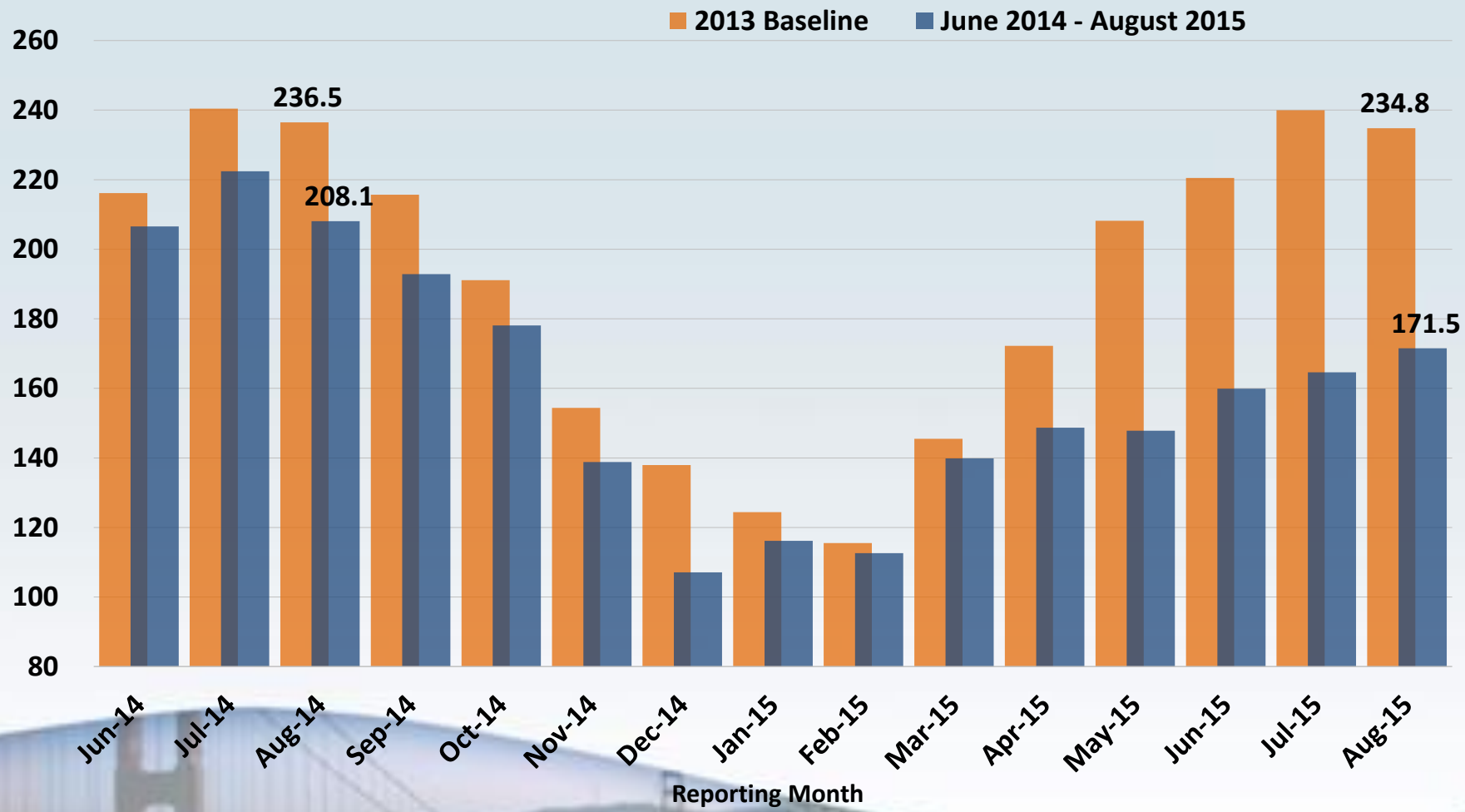
Temperature



Statewide, August 2015 was hotter and drier than August 2013

Data Source: U.S. Climate Data http://www.usclimatedata.com/

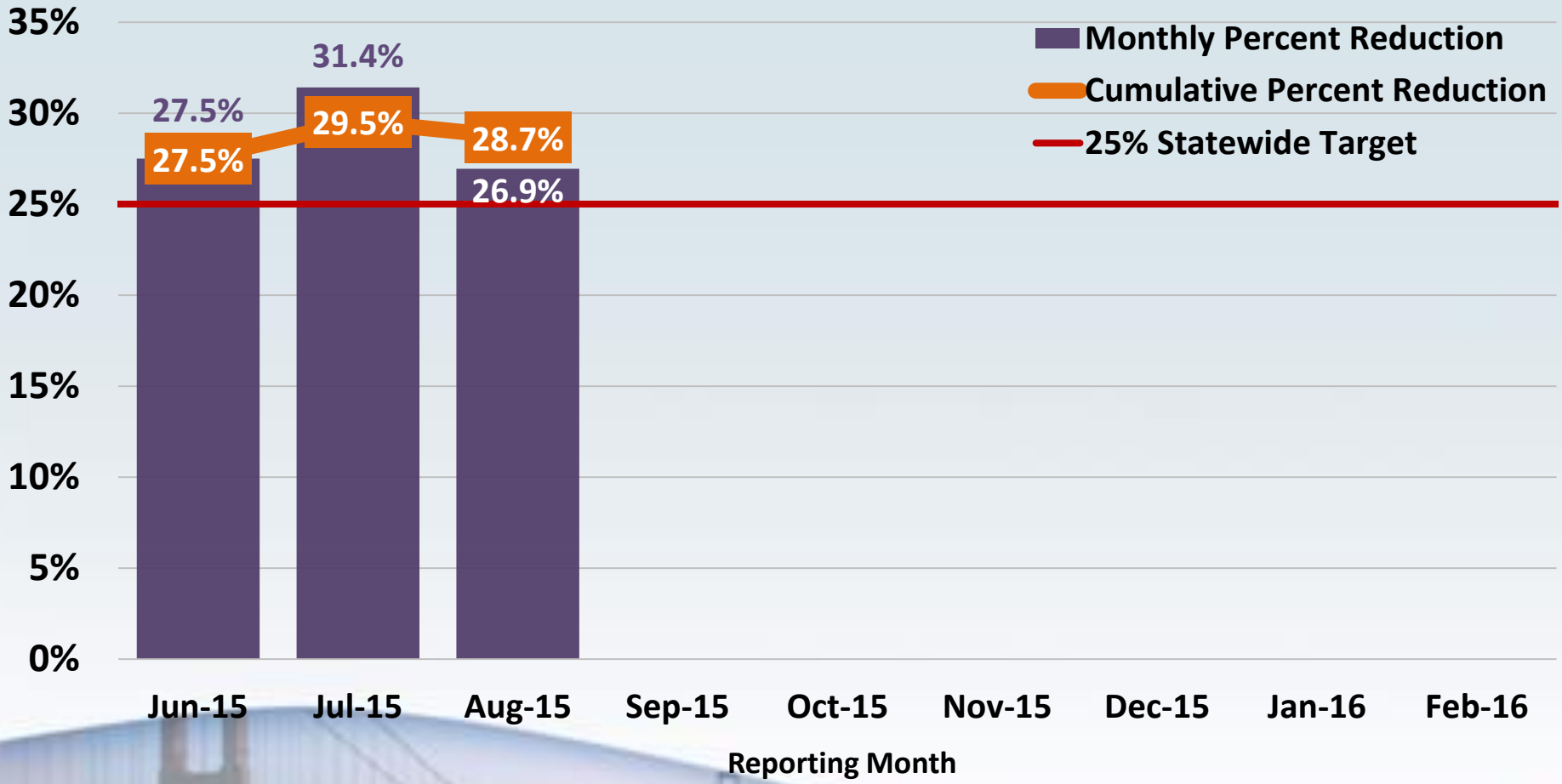
Statewide Water Conservation Results
Water Production June 2014 – August 2015 (Billion Gallons)



August 2015 savings (63.3 billion gallons) is two times more than August 2014 savings (28.4 billion gallons)

Statewide Water Conservation Results Water Production Percentage Reduction

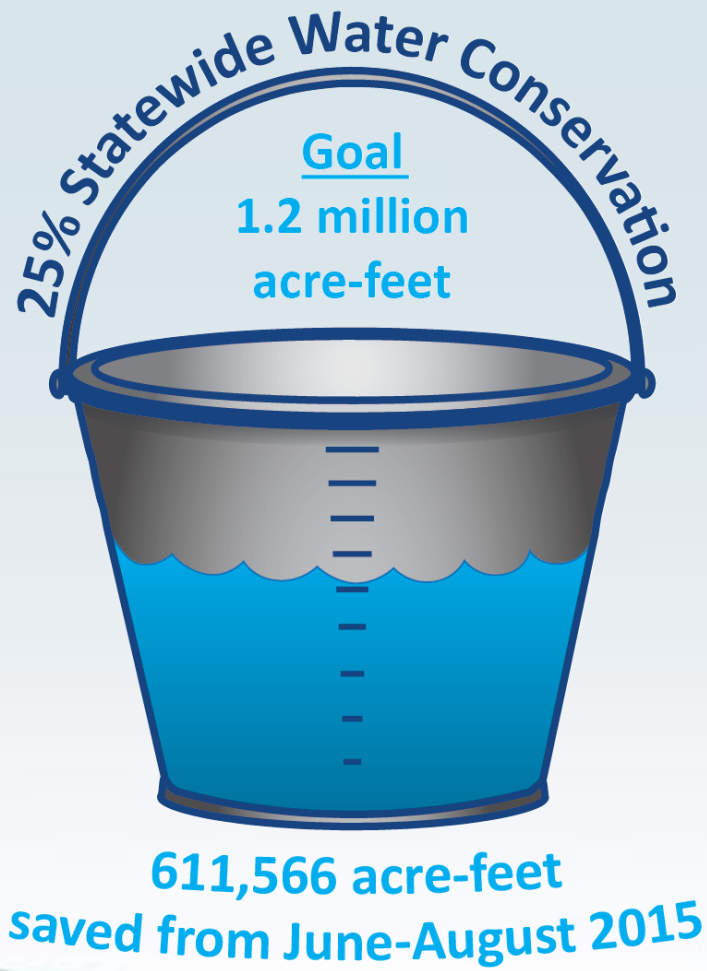
(Compared to 2013)



August 2015 savings (63.3 billion gallons; 194,193 acre-feet) brings cumulative statewide savings to 28.7%

Cumulative Savings (June - August 2015)

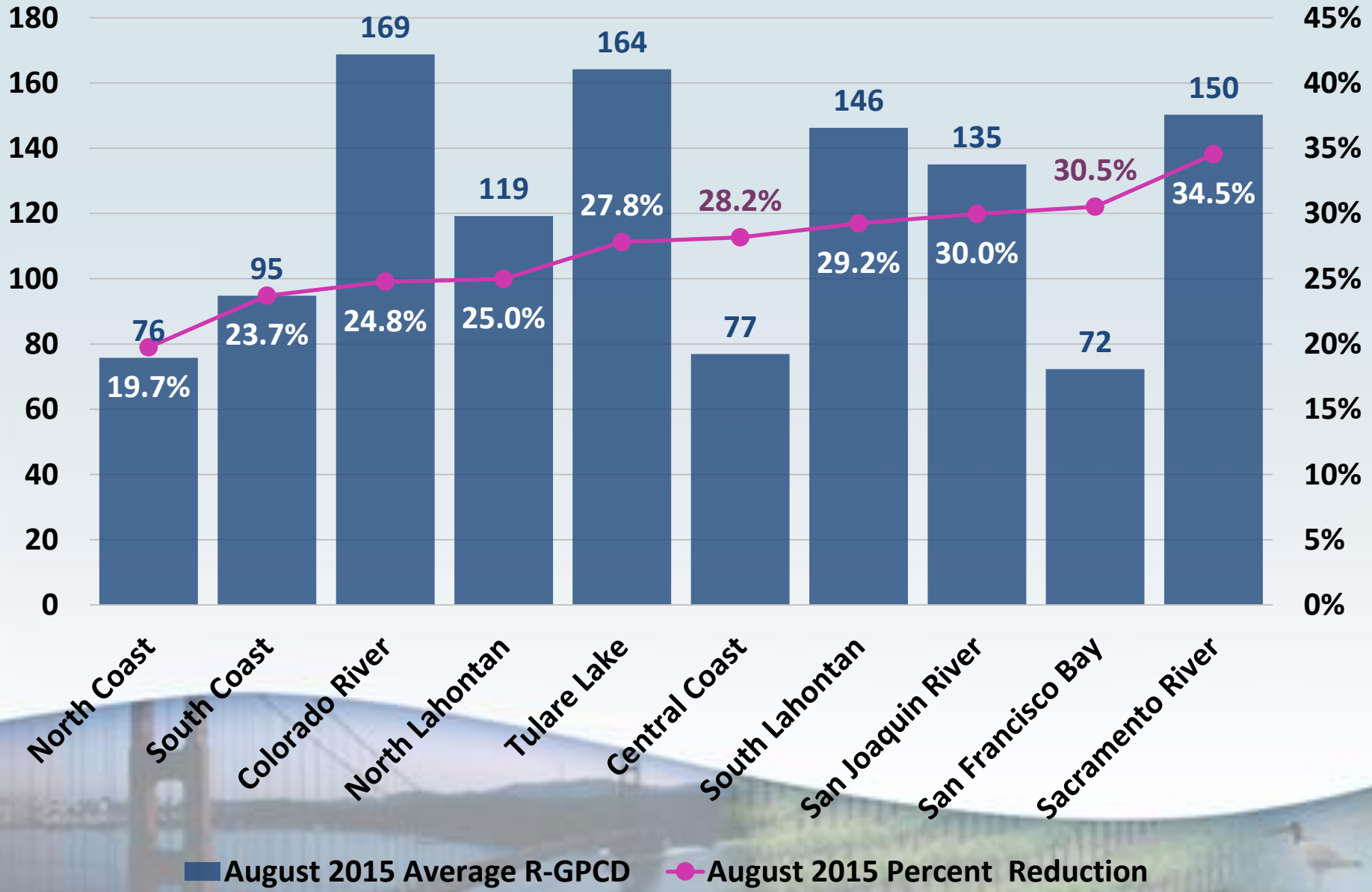
- 611,566 acre-feet (199.3 billion gallons)
- 51 % towards goal
- Enough to provide 3.1 million Californians with water for 1 year



August 2015 Residential Gallons per Capita per Day

- Average statewide August 2015 R-GPCD = 102
  - Lowest supplier R-GPCD = 37
  - Highest supplier R-GPCD = 393
- August 2015 R-GPCD slightly higher than July 2015 (98); down from August 2014 (123)
- 24 suppliers report August R-GPCD less than 55
  - Suppliers represent 2.1 million people
  - 55 GPCD is the performance standard for **indoor** use

August 2015 R-GPCD and Water Conservation

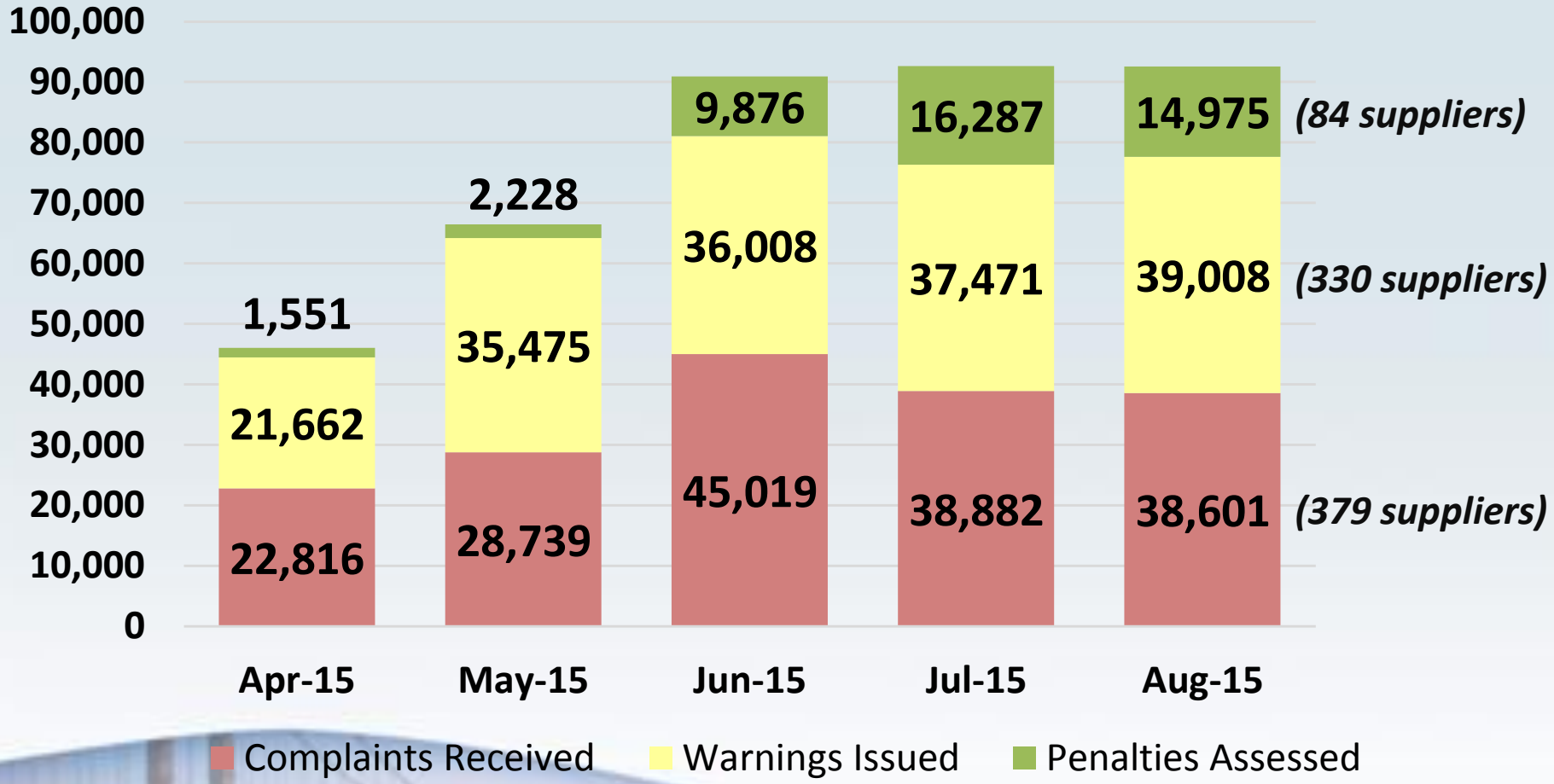


August R-GPCD Trend by Hydrologic Region

Hydrologic Region	Aug-13*	Aug-14	Aug-15	Trend
Central Coast	107	91	77	
Colorado River	235	218	169	
North Coast	94	82	76	
North Lahontan	153	131	119	
Sacramento River	227	176	150	
San Francisco Bay	107	91	72	
San Joaquin River	201	174	135	
South Coast	123	113	95	
South Lahontan	202	180	146	
Tulare Lake	221	190	164	
Statewide	**140**	**123**	**102**	

*** Estimated August 2013 R-GPCD is based on August 2014 percent residential use and population**

Supplier Enforcement Actions Taken April – August 2015



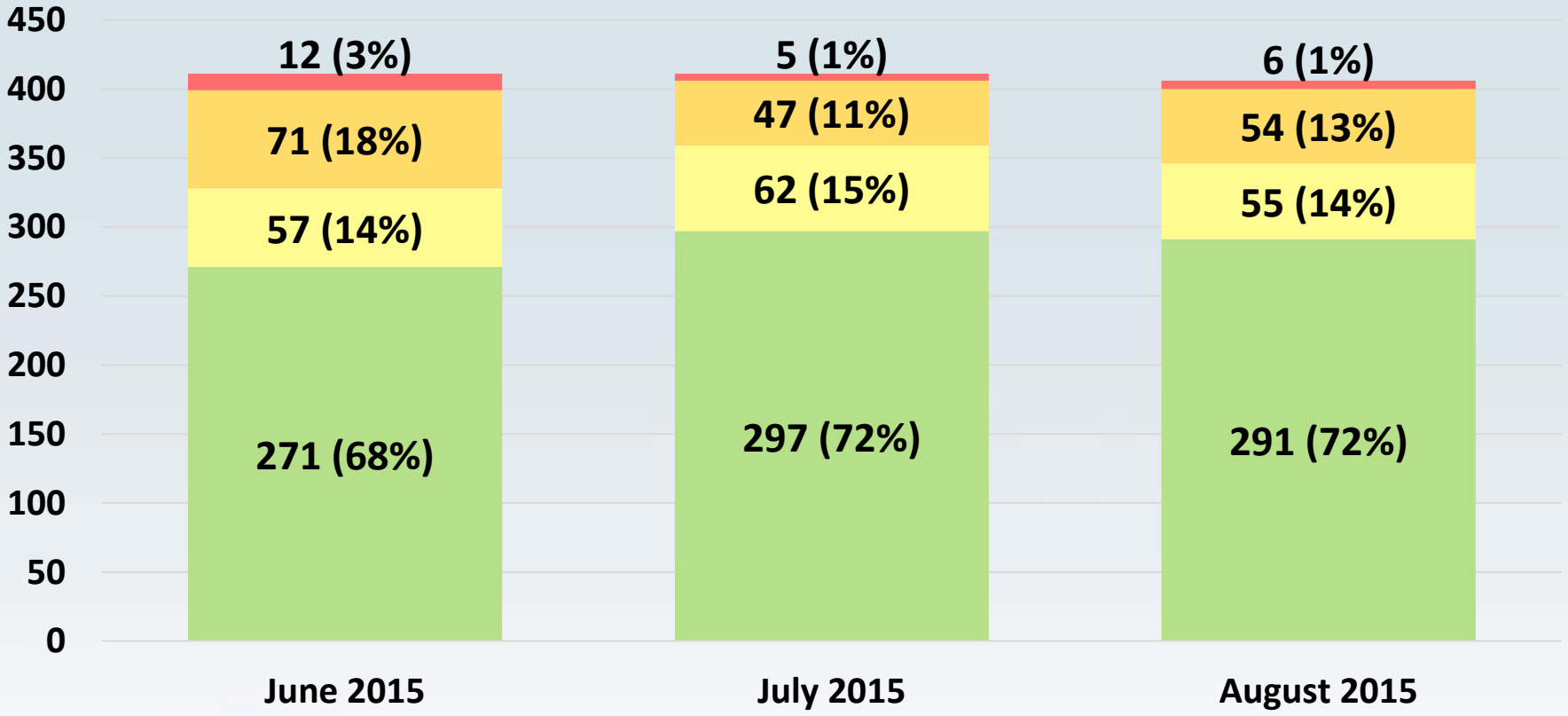
17 suppliers still allow outdoor irrigation 7 days a week

Noteworthy August 2015 Achievements

Suppliers with improved conservation enough to move into lower compliance priority between July and August.

- Olivehurst Public Utility District
- Lee Lake Water District
- Casitas Municipal Water District
- Crescent City, City of
- Pico Water District
- Orange, City of
- San Fernando, City of
- Ceres, City of
- California Water Service Company Dominguez
- Sanger, City of
- Red Bluff, City of
- Patterson, City of
- Humboldt Bay Municipal Water District
- Phelan Pinon Hills Community Services District

Number of Suppliers Reporting by Compliance Priorities June – August 2015



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

Water Board Enforcement Actions Taken Since June 2015

- 8 Conservation Orders Issued
- 99 Information Orders Issued
- 68 Warning Letters Issued

Enforcement Page:

http://www.waterboards.ca.gov/water_issues/programs/conservation_portal/enforcement.shtml

Next Steps

- Issue additional Conservation Orders
- Issue responses to Alternate Compliance Requests
- Possible workshop on potential extension and modifications to the emergency regulation

Stakeholder Discussions

- First meeting held August 26th on next steps for conservation regulation
- Second meeting will focus on options for modification to an extended emergency regulation