

# **Emergency Water Conservation Regulation Update**

**Office of Research, Planning, and Performance**

September 7, 2016



# Status of Implementation

- Water production data collected from June 2014 through July 2016 (26 months)
- Fourteen months of statewide urban water conservation requirements (June 2015 – July 2016)
- July 2016: Statewide 20 percent reduction from July 2013 baseline
- Cumulative statewide reduction June 2015 - July 2016: 23.8 percent (1.9 million acre-feet)



# U. S. Drought Monitor California

**August 30, 2016**

(Released Thursday, Sep. 1, 2016)

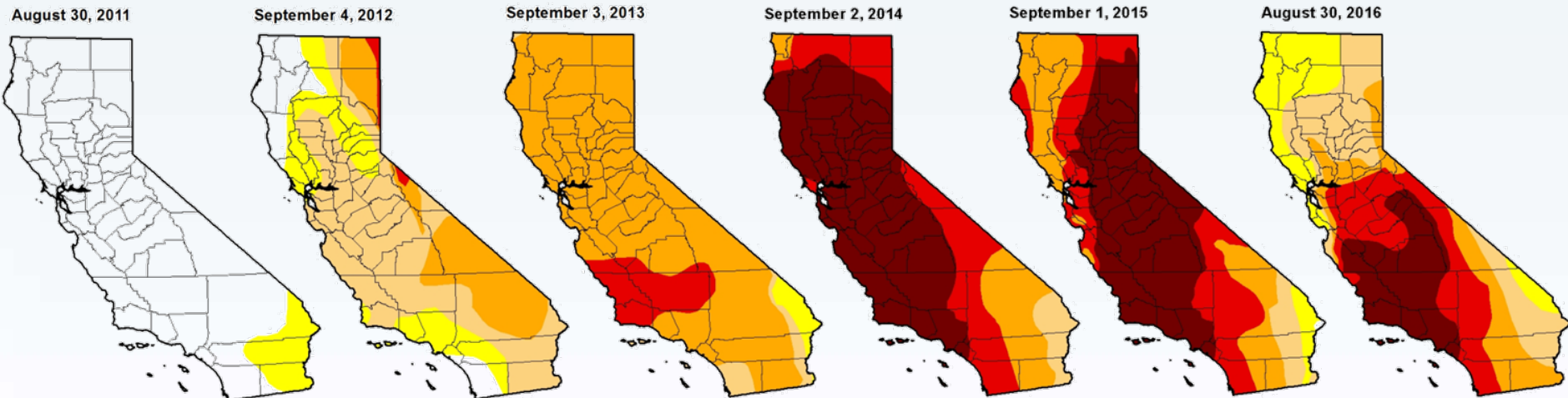
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

|                | None | D0-D4  | D1-D4 | D2-D4 | D3-D4 | D4    |
|----------------|------|--------|-------|-------|-------|-------|
| <b>Current</b> | 0.00 | 100.00 | 83.59 | 59.02 | 42.80 | 21.04 |

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.



<http://droughtmonitor.unl.edu/>

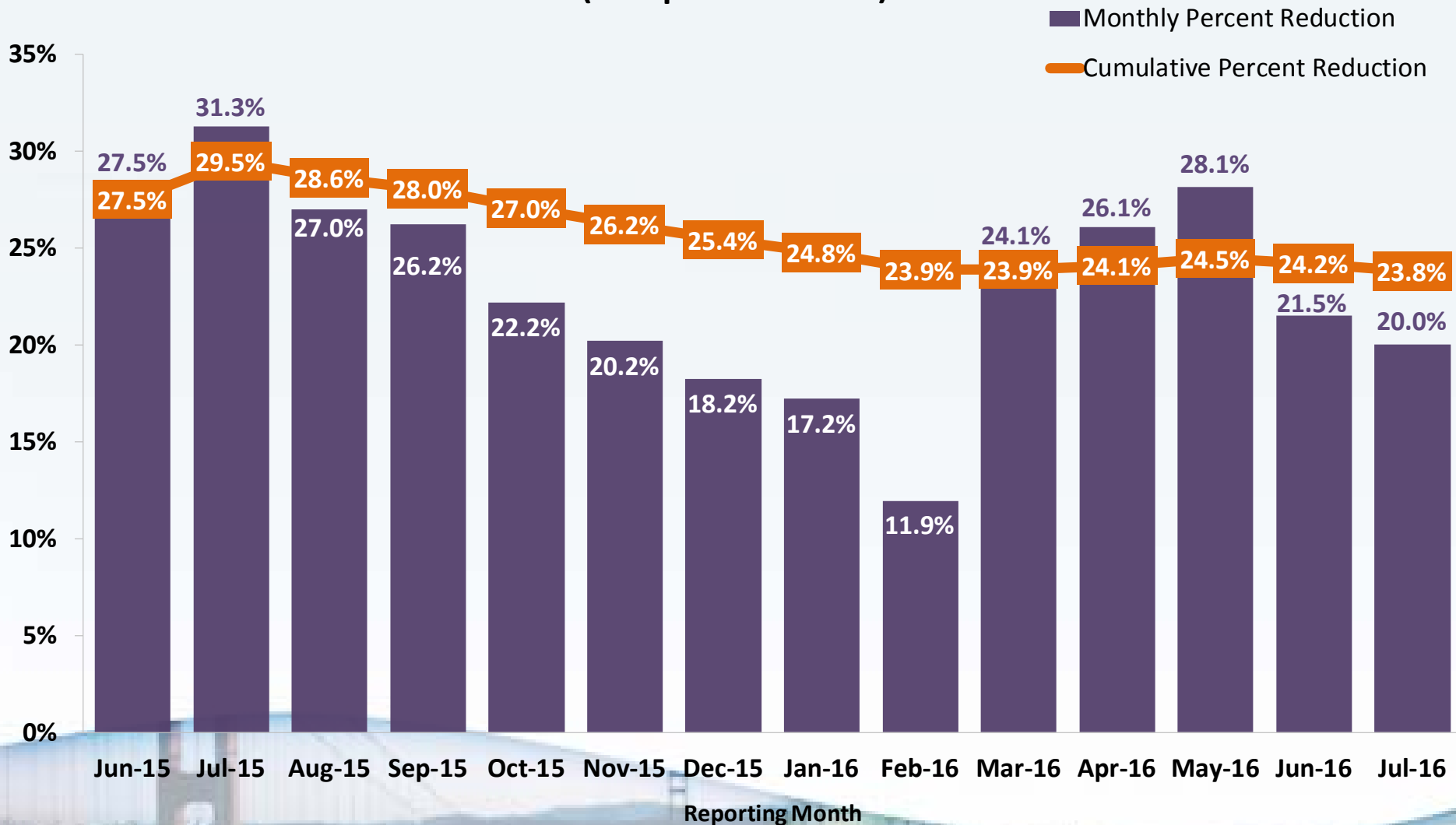
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U.S. Department of Agriculture

# Statewide Water Production Percent Reduction

(Compared to 2013)



**Average Statewide July 2016 R-GPCD = 114**

# Statewide Cumulative Savings

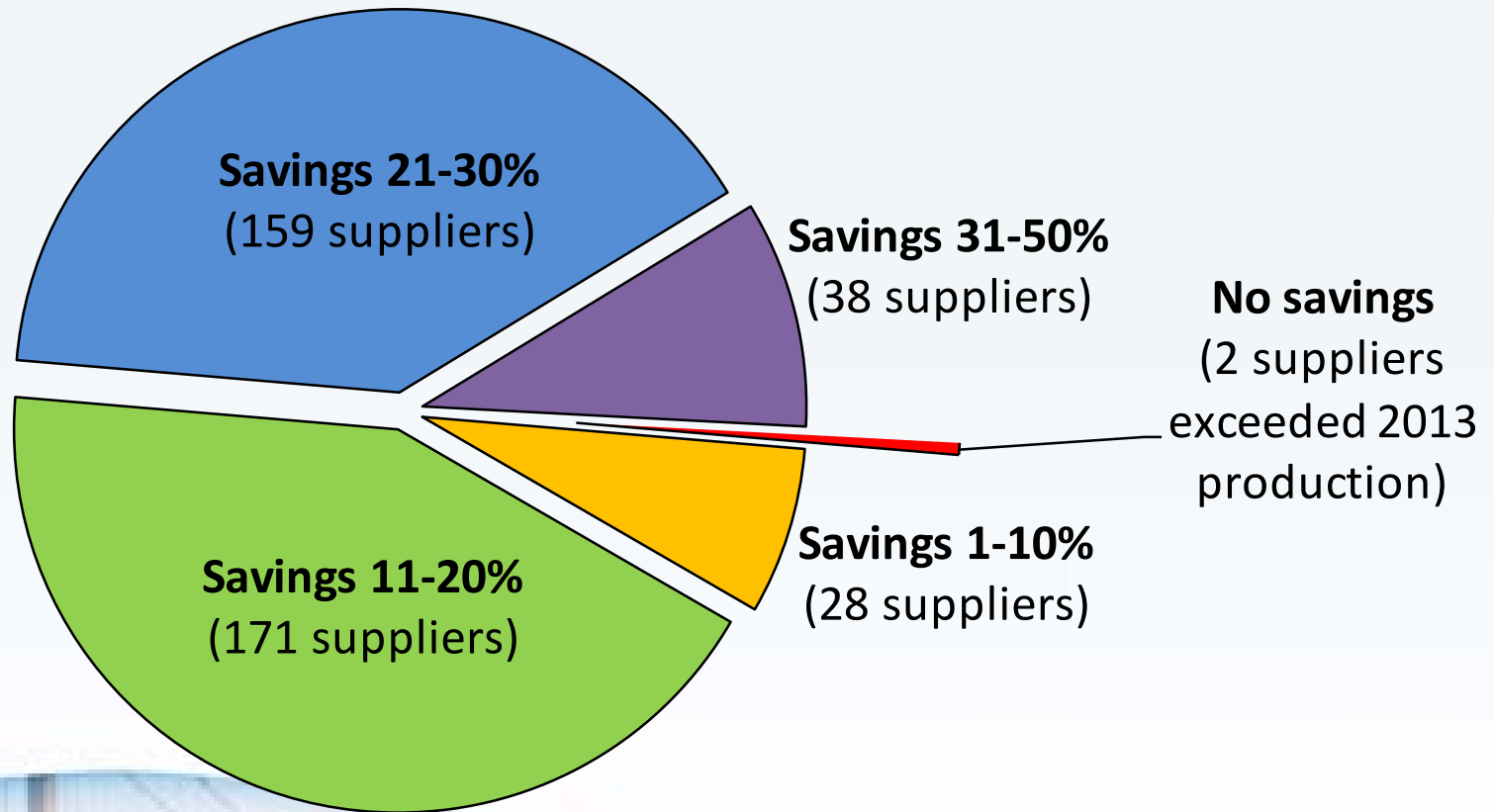
(June 2015 – July 2016)

- 1,899,336 acre-feet  
(618.9 billion gallons)  
of water saved
- Savings is enough to provide  
8.5 million Californians  
(24.5% of state population)  
with water for one year



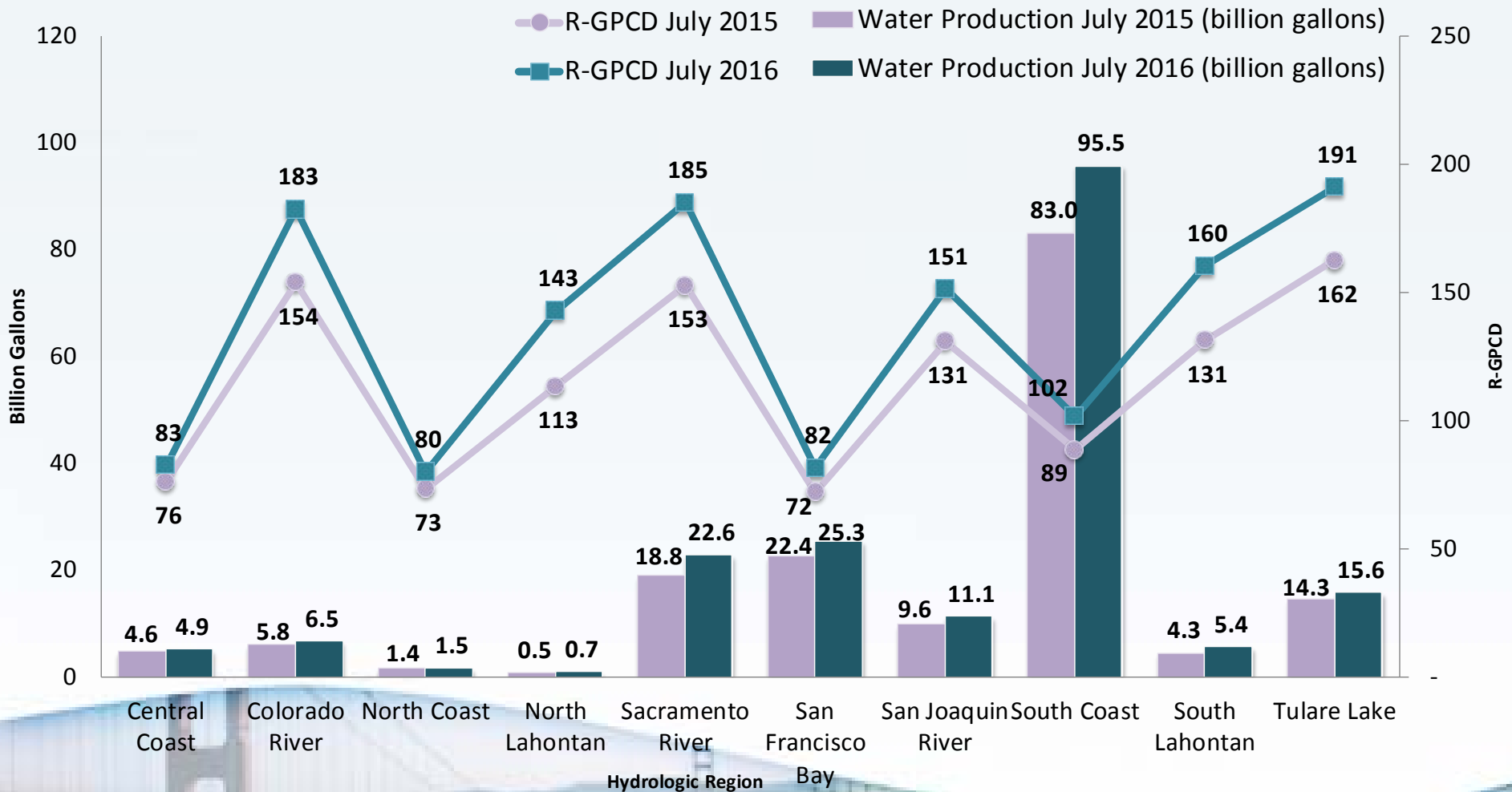
# Monthly Water Savings Achieved by Suppliers

(July 2016)



# Water Production and R-GPCD by Hydrologic Region

## (July 2016 Compared to July 2015)



# Highlights of Local Conservation in July

| Supplier Name               | Hydrologic Region | Monthly % Savings<br>(as compared to 2013) |           | Water Use<br>July 2016<br>R-GPCD | Population<br>Served |
|-----------------------------|-------------------|--|-----------|----------------------------------|----------------------|
|                             |                   | July 2015                                  | July 2016 |                                  |                      |
| Alhambra                    | South Coast       | 28.5%                                      | 30.4%     | 85.5                             | 85,068               |
| Hayward                     | San Francisco Bay | 28.7%                                      | 31.2%     | 30.1                             | 158,985              |
| Marina Coast Water District | Central Coast     | 31.1%                                      | 34.6%     | 58.9                             | 34,235               |
| Menlo Park                  | San Francisco Bay | 46.3%                                      | 50.3%     | 83.5                             | 16,066               |
| Patterson                   | San Joaquin River | 36.8%                                      | 44.8%     | 108.7                            | 21,094               |
| San Gabriel Valley Water Co | South Coast       | 39.6%                                      | 32.1%     | 73.1                             | 271,817              |
| Santa Barbara               | Central Coast     | 36.3%                                      | 38.0%     | 67.9                             | 93,426               |
| Santa Rosa                  | North Coast       | 43.8%                                      | 30.8%     | 78.0                             | 173,071              |
| Wasco                       | Tulare Lake       | 28.9%                                      | 38.3%     | 108.1                            | 26,159               |
| Yuba City City of           | Sacramento River  | 32.8%                                      | 29.7%     | 143.9                            | 73,202               |





# Conservation Compliance & Enforcement

- Follow up with non-reporting suppliers
- Information Orders issued for incomplete self-certification submissions
- Compliance with June conservation standards continues to be assessed each month
- Discussions with suppliers under Conservation and Alternative Compliance Orders
- Supplemental Environmental Projects underway



# Next Steps

- Monitor conservation levels
- Follow up with individual water suppliers as needed
- Develop permanent water waste prohibitions
- Long-term Water Conservation and Efficiency
  - Board Workshop in October
- Plan for potential extended emergency regulation to begin February 2017



**Save Our Water  
and Our Trees!**

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