

# **Catalina Island Stage 2 Water Rationing Update**

**Avalon City Council  
April 21, 2015**

# Middle Ranch Reservoir Level Update

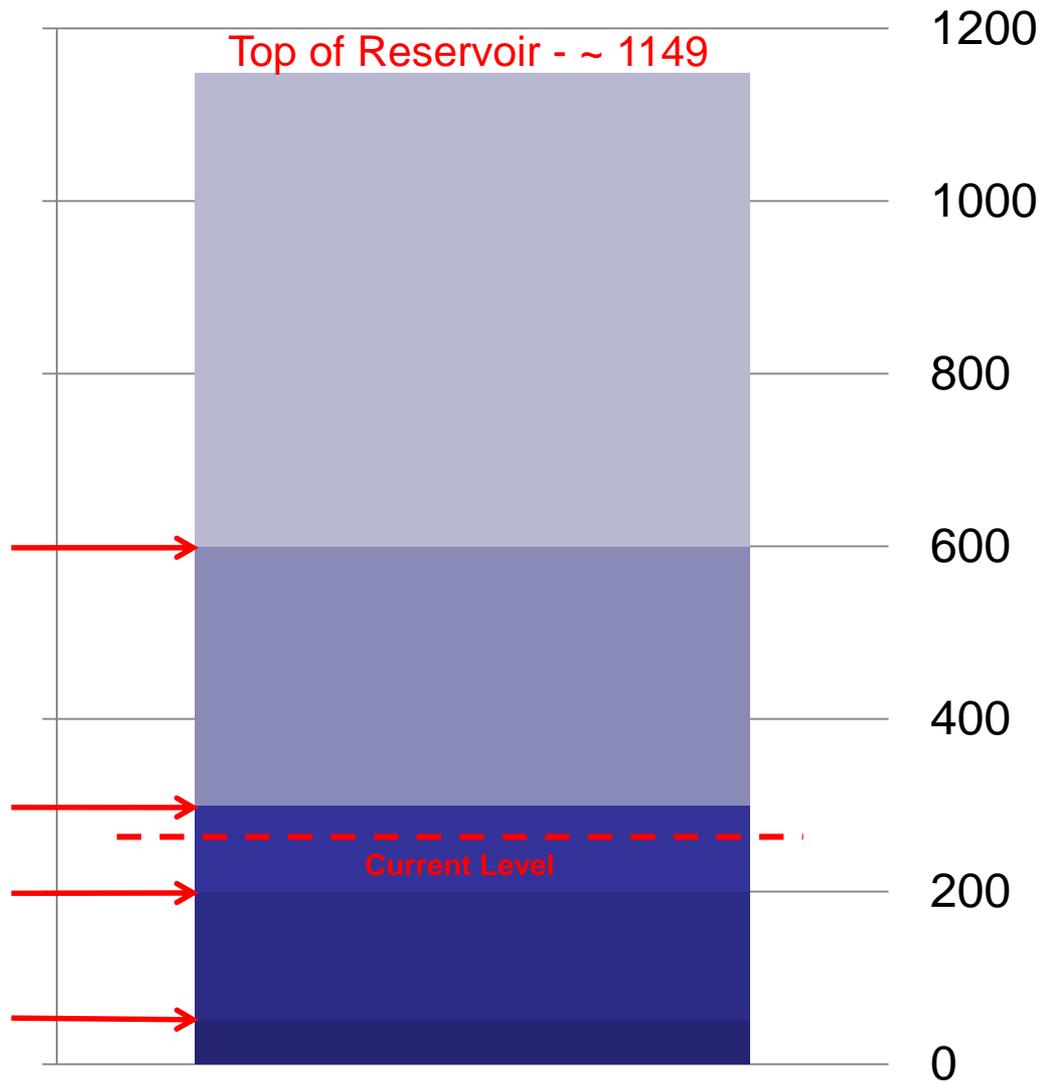
- Stage 2 Water Rationing began on August 11, which is triggered when the Middle Ranch Reservoir's water level falls below 300 acre
- As of April 16, 2015, the Reservoir water level was **261 acre feet**.

**Stage 1 Mandatory Water Conservation** - Customers are restricted in certain ways from using water when the reservoir reaches **600 acre feet**

**Stage 2 Mandatory Water Rationing** - Customers' water usage will be reduced to **75%** of their base water usage amount if the reservoir reaches **300 acre feet**

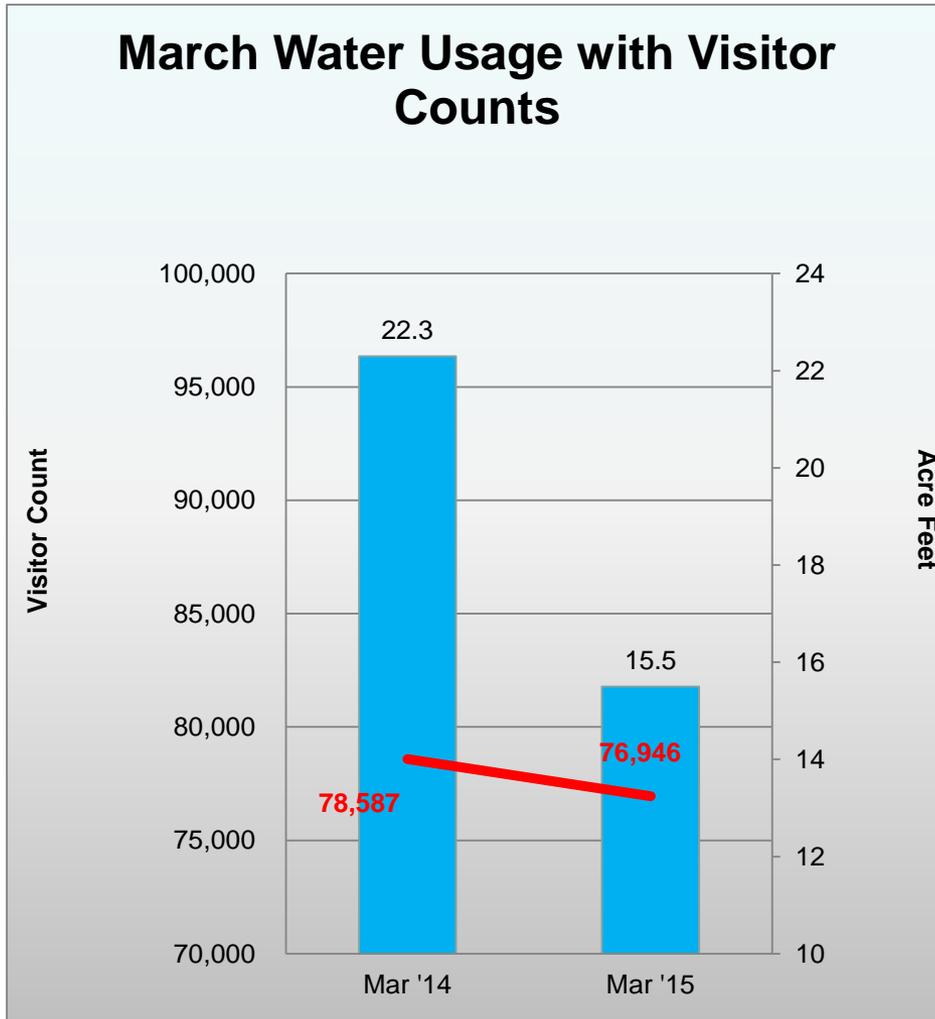
**Stage 3 Mandatory Water Rationing** - Customers' water usage will be reduced to **50%** of their base water usage amount if the reservoir reaches **200 acre feet**

**Stage 4 Mandatory Water Rationing** - Customers' water usage will be reduced to **25%** of their base water usage amount if the reservoir reaches **50 acre feet**



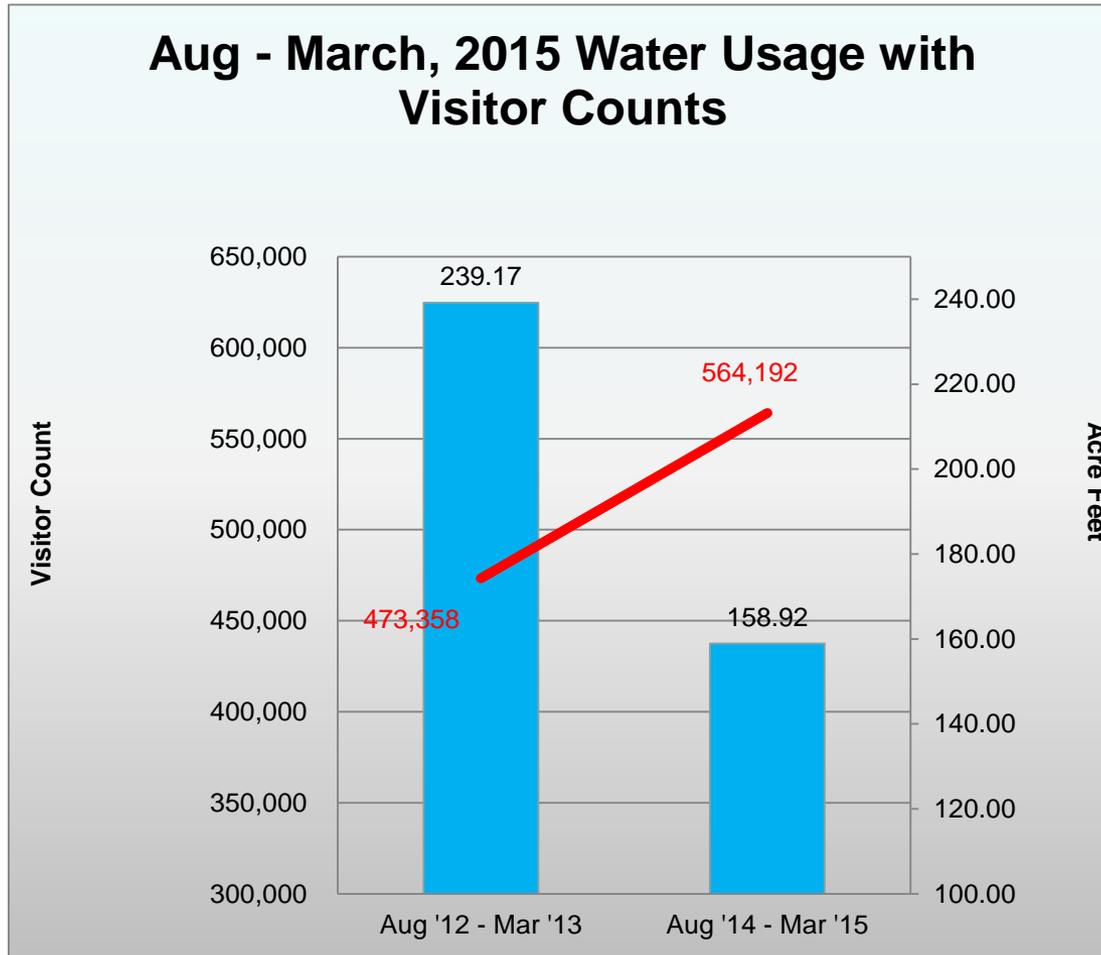
# Water Usage with Visitor Counts

## March 2015 Compared to Prior Year



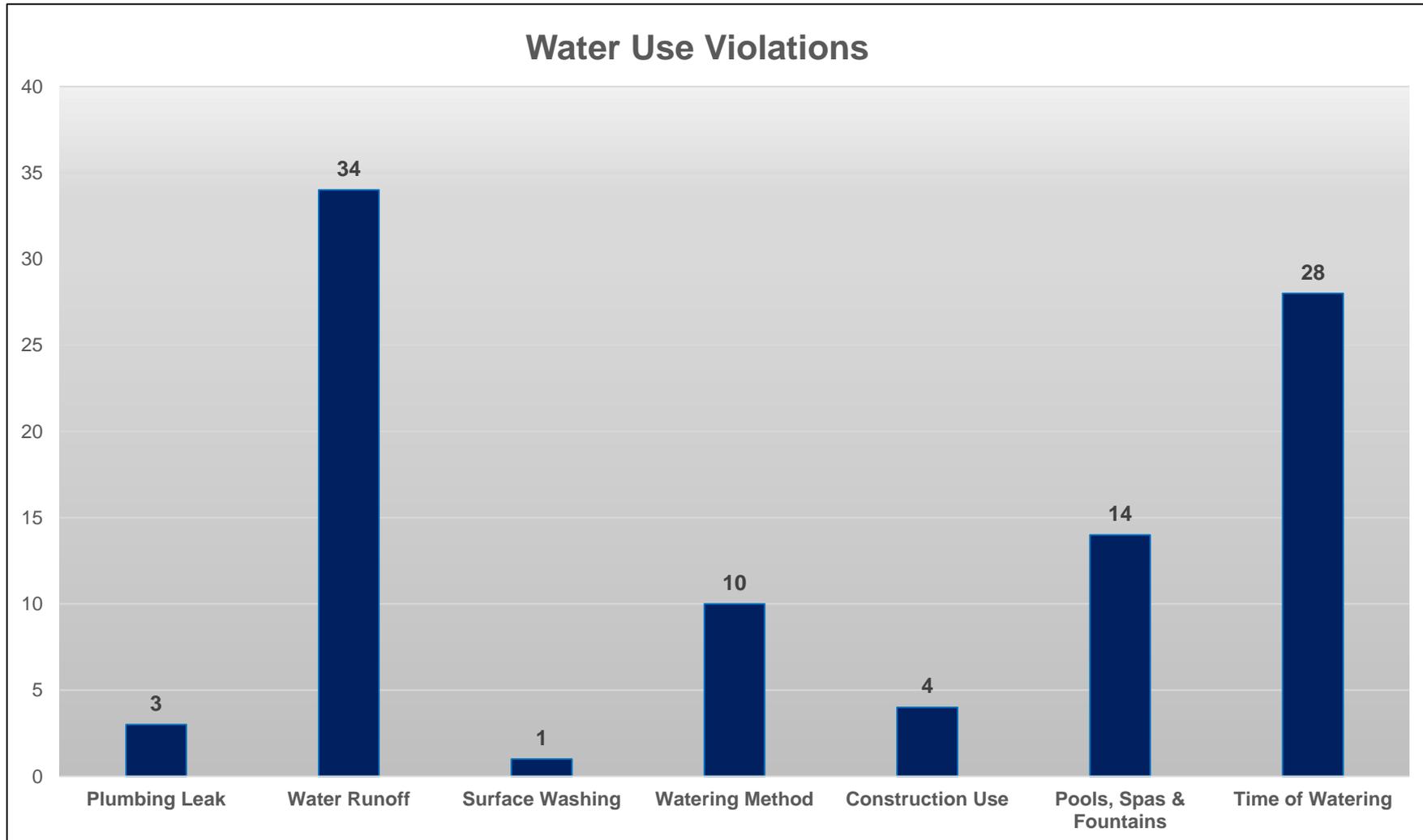
- March Usage ↓ 30.49% from last year
- March Visitors Counts ↓ 2.09% from last year

# Water Usage Stage 2 Compared to 2012-13 (Baseline)

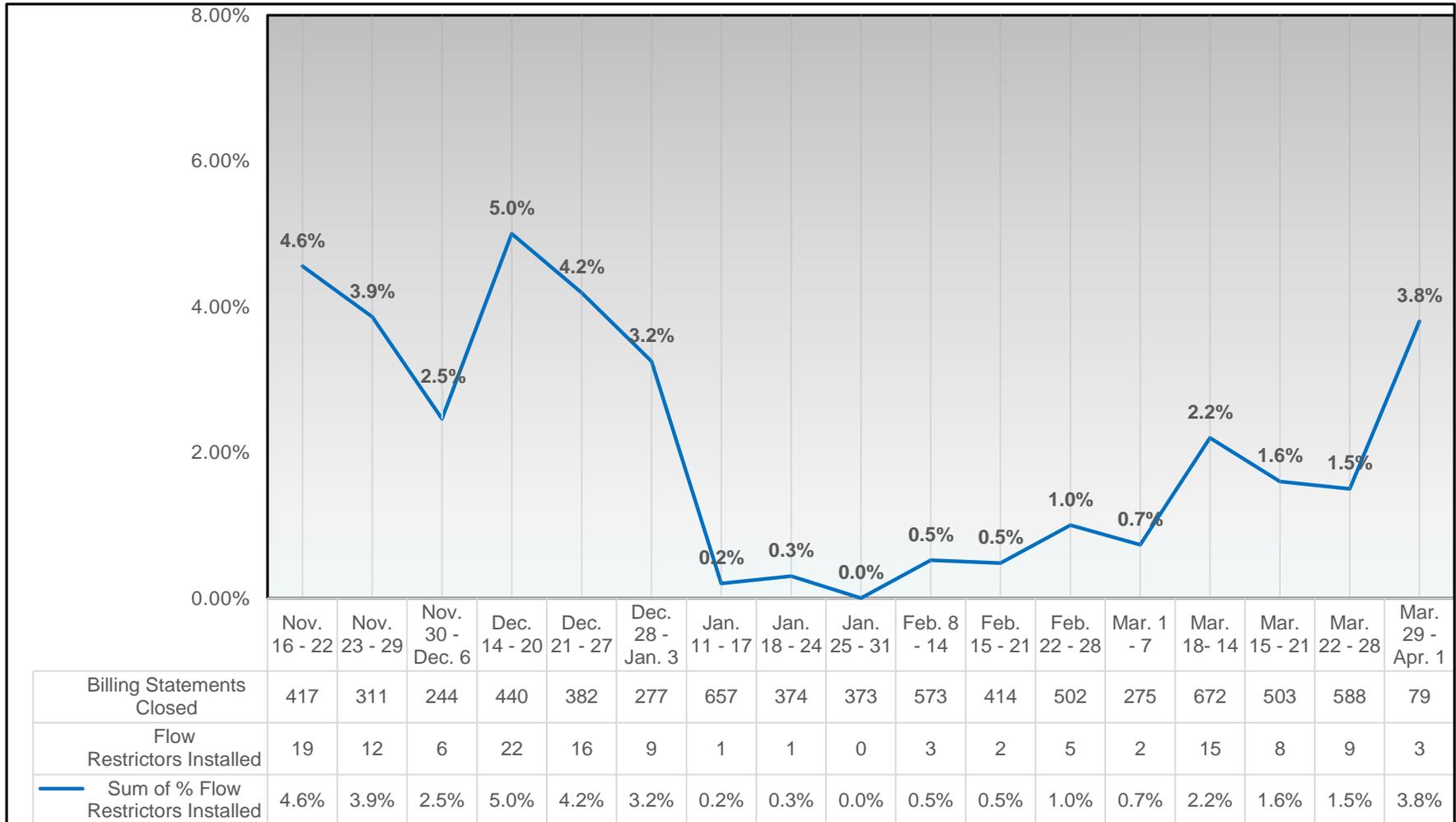


- Aug - Mar Usage  
↓ 33.50% from 2012 Baseline
- Aug - Mar Visitors  
↑ 19.19% from 2012 Baseline

# Water Use Violations – 94 Violations (As of April 16, 2015)

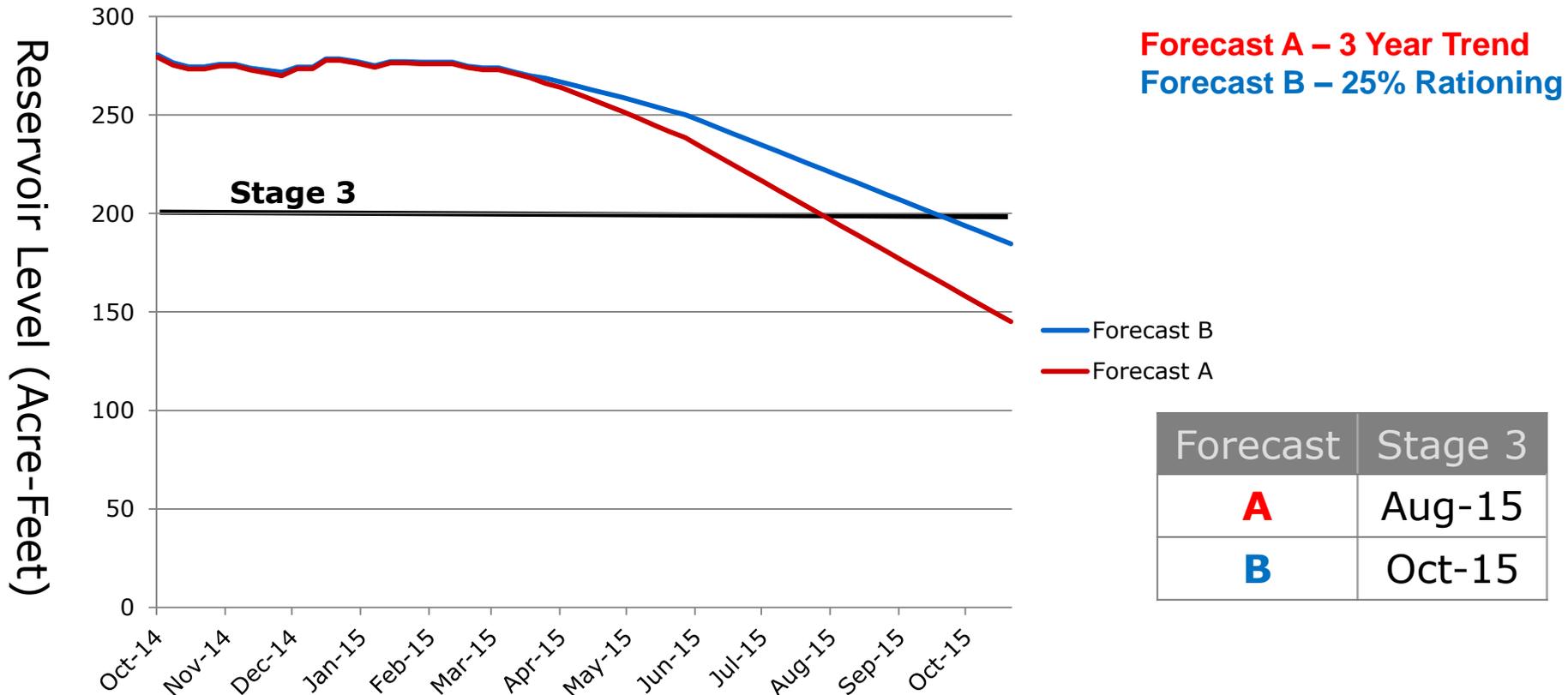


# Water Allotment Violations – Flow Restrictors Issued



# Stage 3 Forecast

Successful Stage 2 Rationing may potentially extend the implementation of Stage 3 Rationing through Summer 2015

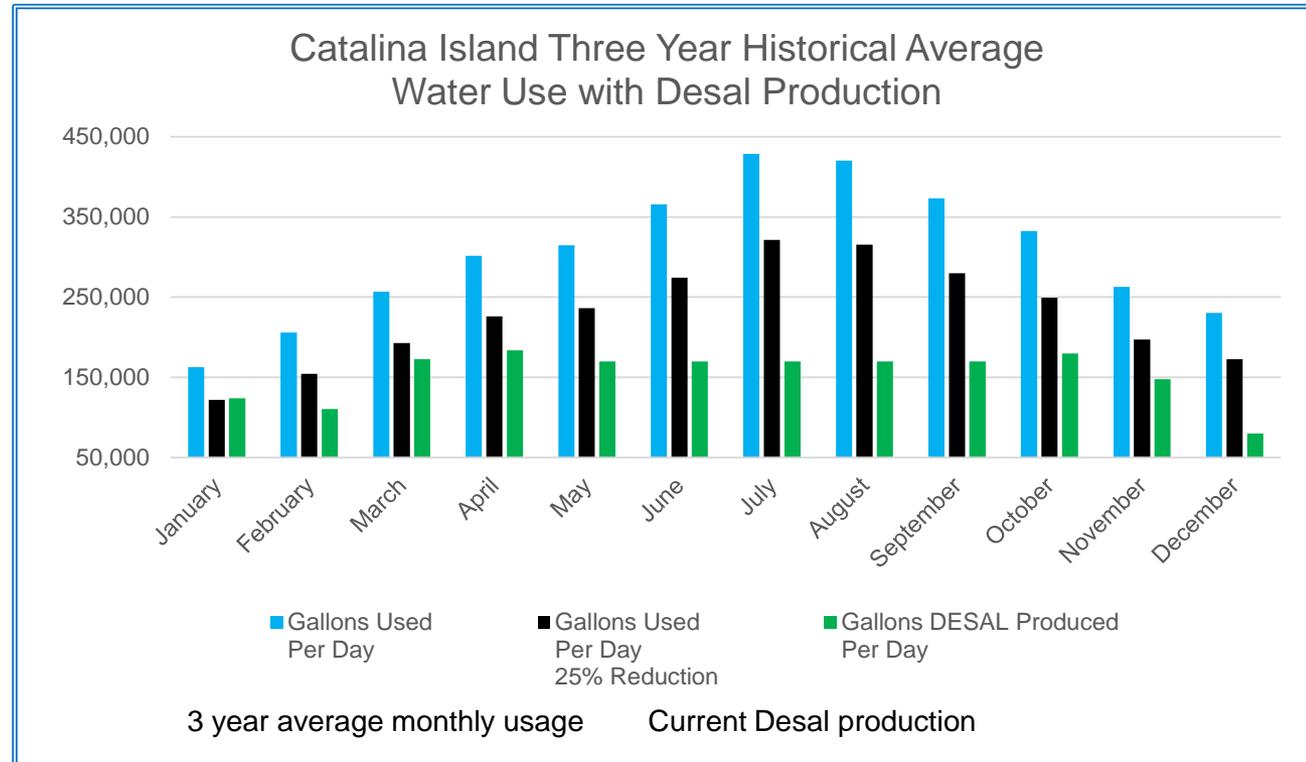


*Based on 3 year monthly average water sales with little or no rainfall.*

# Stage 3 Forecast Explanation

The following is how we apply our forecast methodology to July and August, our peak demand months:

- 3 year historical average (2012-2014):
  - July - 428,547 gpd
  - Aug - 420,348 gpd
- Stage 2 Rationing
  - July - 321,436 gpd
  - Aug - 315,235 gpd
- Average Monthly Desal Plant Production
  - May – Sept 169,709 gpd
- Daily demand on our ground water resources
  - July - 149,050 gpd
  - Aug – 173,332 gpd



1 Acre Foot = 325,851 gallons

## For More Information

- If you have any general questions, a dedicated Catalina customer service representative can assist you at **1-800-367-8851** (*Monday through Friday 8:00 a.m. to 5:00 p.m.*).
  - Report potential water use violations
- **SCE's Web page for Catalina Island customers -** <http://www.sce.com/catalina>
  - Stage 2 FAQ and variance request forms also available

## Water Conservation Tips

- **Save Our Water** – <http://www.saveourh2O.org>