

Catalina Island Stage 2 Water Rationing Update

**Avalon City Council
June 21, 2016**

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 June 16, 2016, the Reservoir water level was **171 acre feet**.

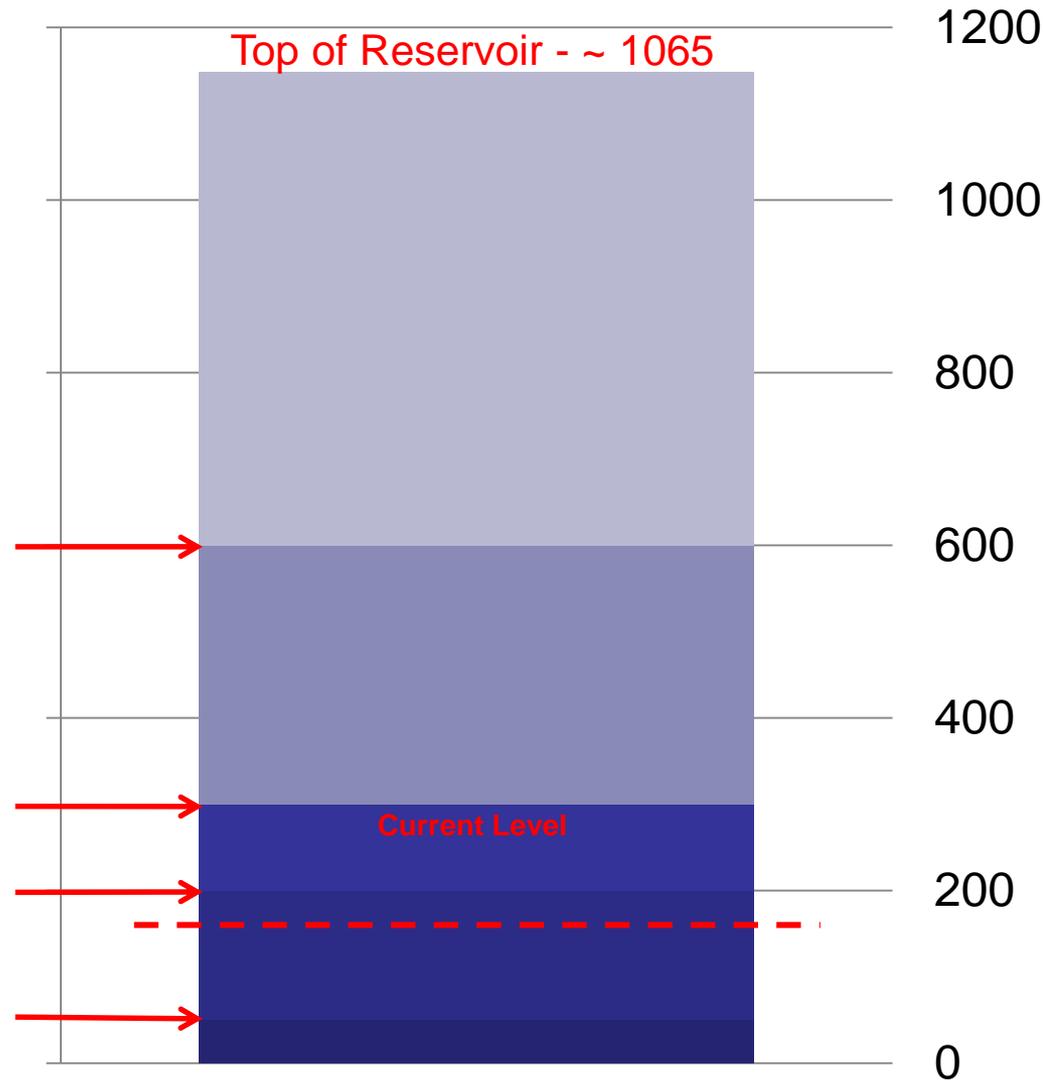
Stage 1 Mandatory Water Conservation -

Customers are restricted in certain ways from using water when the reservoir reaches **600 acre feet**

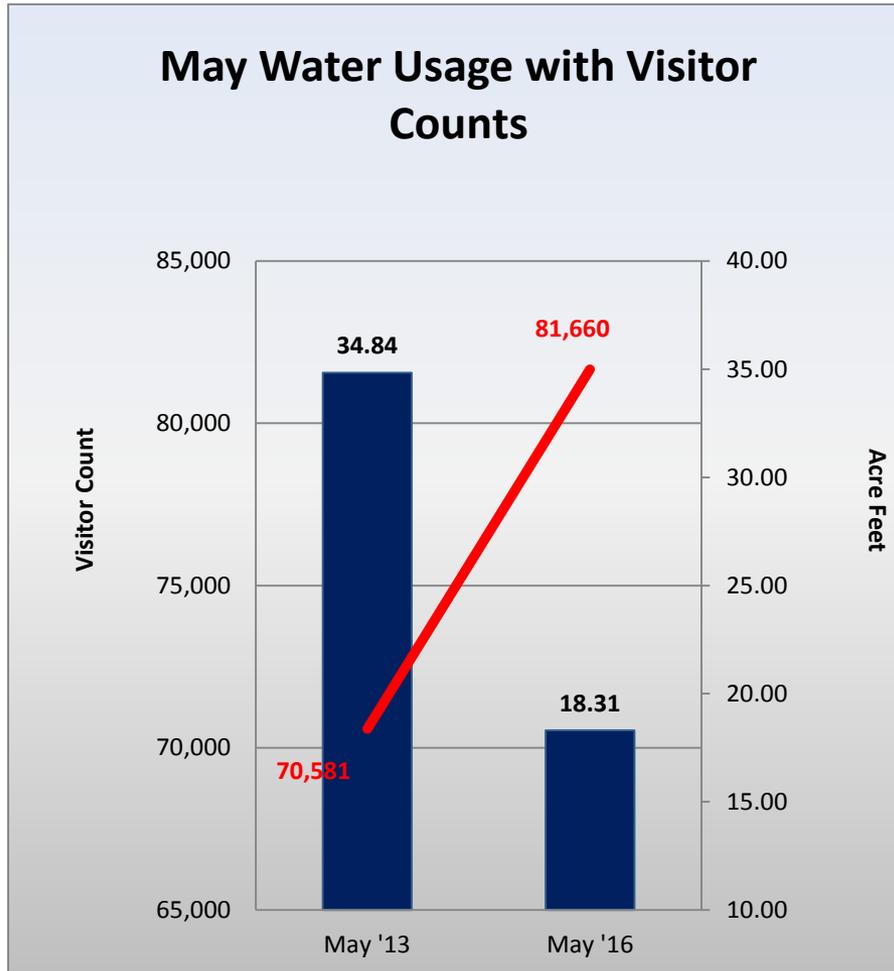
Stage 2 Mandatory Water Rationing - Customers' water usage will be reduced to **75%** of their base water usage amount if the reservoir reaches **300 acre feet**

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**



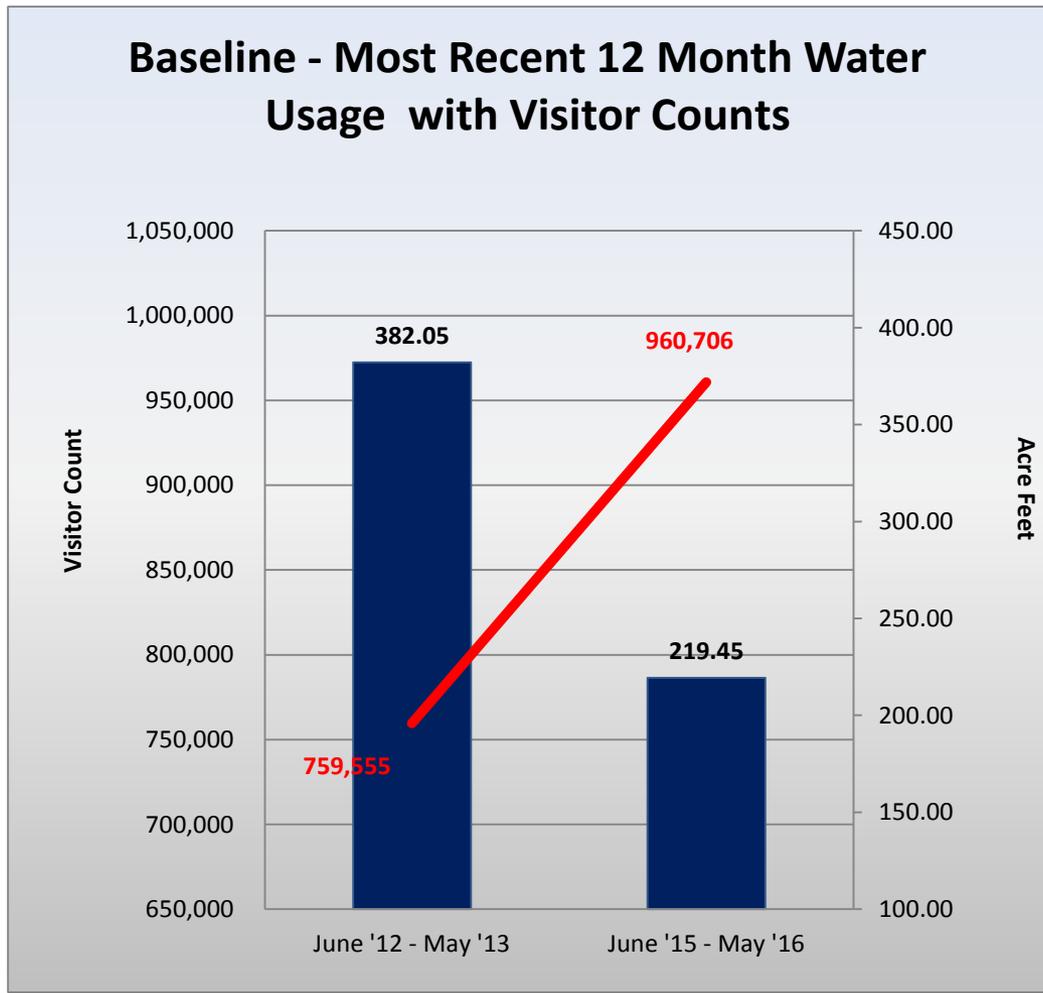
Water Usage with Visitor Counts May 2016 Compared to Baseline



■ May Usage
 ↓ 47.45%
 from baseline

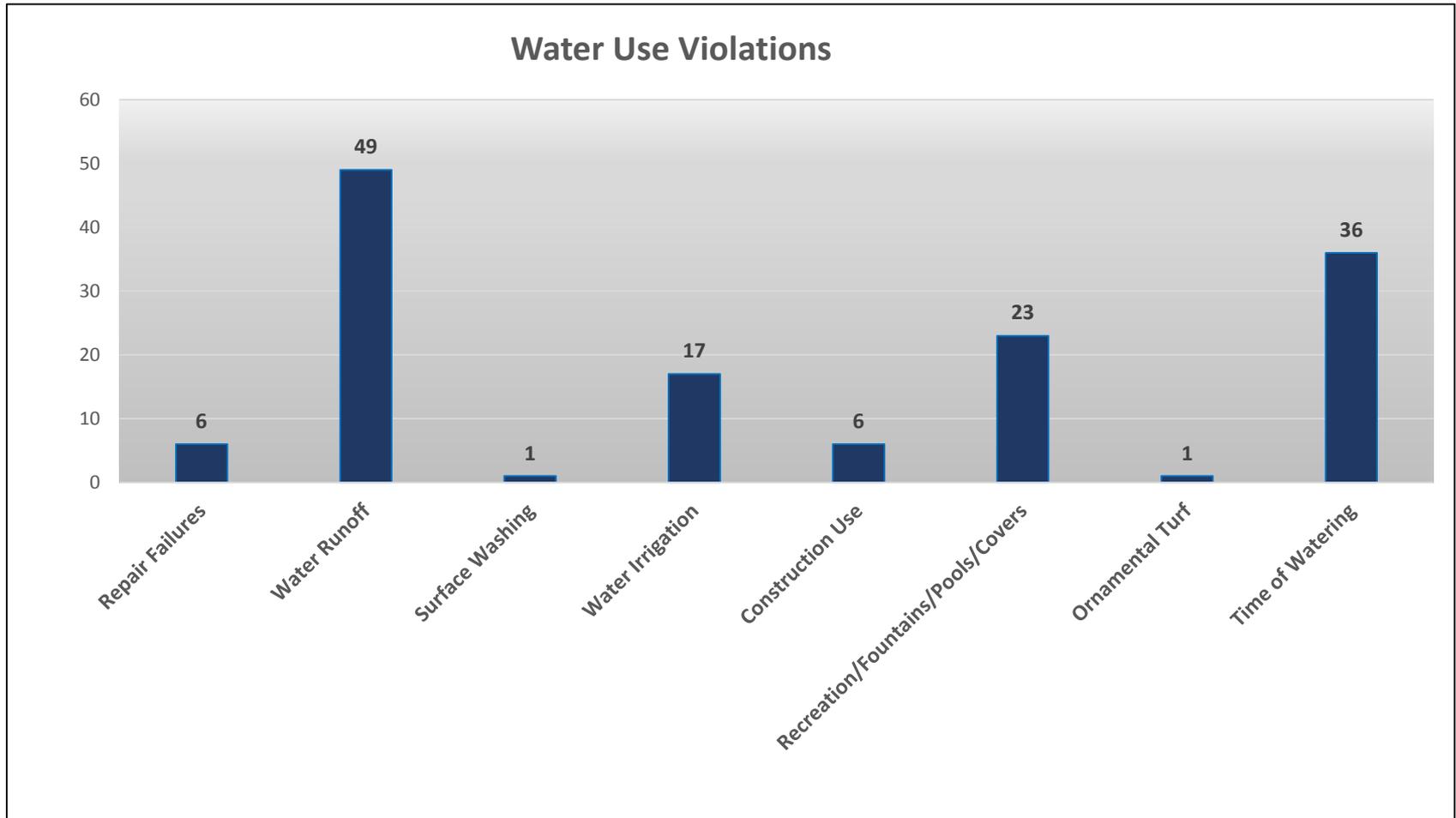
■ May Visitors
 ↑ Counts
 15.70%
 from baseline

Water Usage - Rolling 12 Months vs. Baseline Period (June, 2012 – May, 2013)

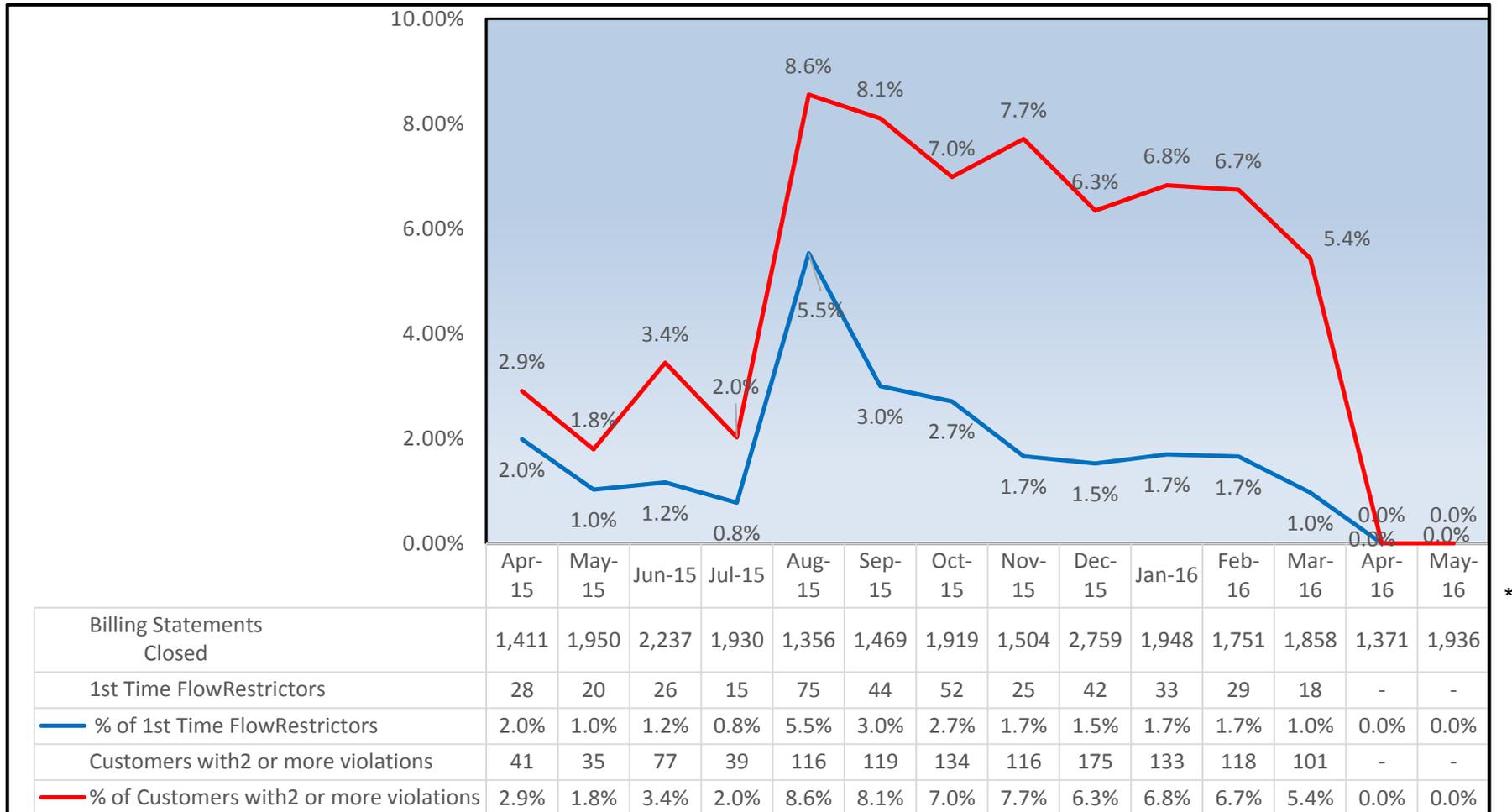


- June '15 – May '16 Usage
↓ 42.5%
from 2012 Baseline
- June '15 – May '16 Visitors
↑ 26.5%
from 2012 Baseline

Water Use Violations – 139 Violations (As of June 20, 2016)



Water Allotment Violations



Footnote: * New water allotment fine structure took effect April 2016

Desalination Plant #2



- **Seawater Mode Operation**
 - SCE received our Division of Drinking Water (DDW) permit amendment on March 21 to operate Desalination Plant #2 in seawater mode
 - Plant #2 is in service and has produced **more than 7.2 million gallons** of drinking water since April
- **Brine Mode Operation**
 - DDW permit amendment expected **late June**
 - DDW will add a condition to the permit that requires blending the water produced from Desal Plant #1 & #2 before entering the distribution system
 - Engineering: complete
 - Installation & Commissioning: targeting completion **in Late July**
 - Operation in brine mode: targeting **Late July**
- **Project Funding**
 - Actively seeking available grant funding opportunities and finalizing contribution reimbursements from public agencies to mitigate the impact on customers

Stage 3 Mandatory Water Rationing

- SCE plans to **continue at Stage 2 rationing levels for immediate future**
- The need for increased rationing will be **reassessed on a monthly basis**
- **Critical** for maintaining Stage 2 Rationing Levels:
 - Maintain 40% reduction in actual water use
 - Actual water use and reservoir drawdown within current forecast levels
 - **Activation of Stage 3 on an expedited implementation schedule** may be necessary.

Catalina Island is facing extreme drought conditions.

Please do your part to save water.

- Take shorter showers
- Hang up towels that do not need to be washed
- Don't leave water running while shampooing, washing, shaving, or brushing your teeth

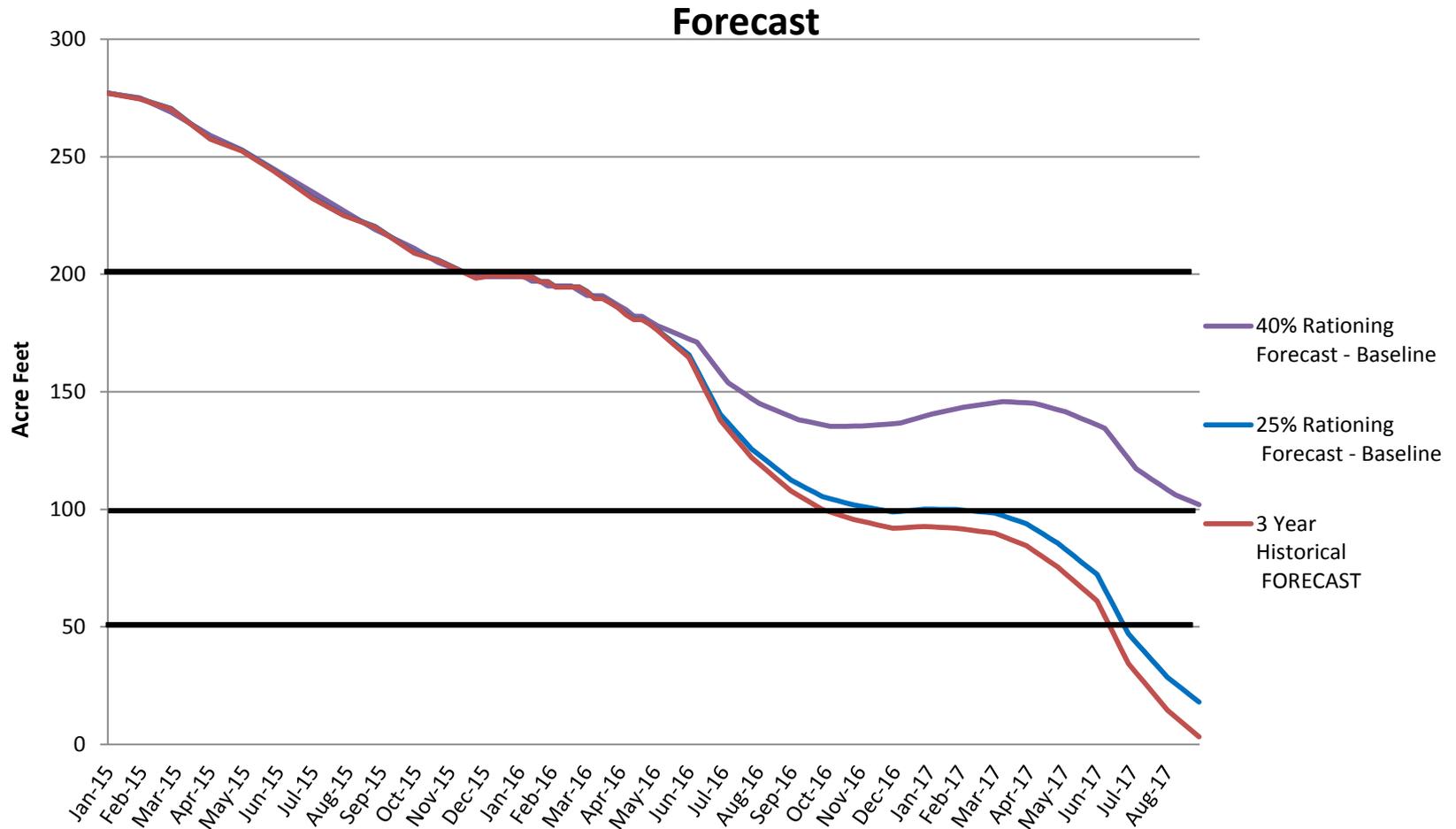
For water-saving tips and more information, visit saveourh2o.org

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MRR Forecast



40% Water Use Reduction has been consistently achieved during Stage 2 and expected to continue

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>