

Catalina Island Stage 2 Water Rationing Update

**Avalon City Council
April 19, 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 April 14, 2016, the Reservoir water level was **189 acre feet**.

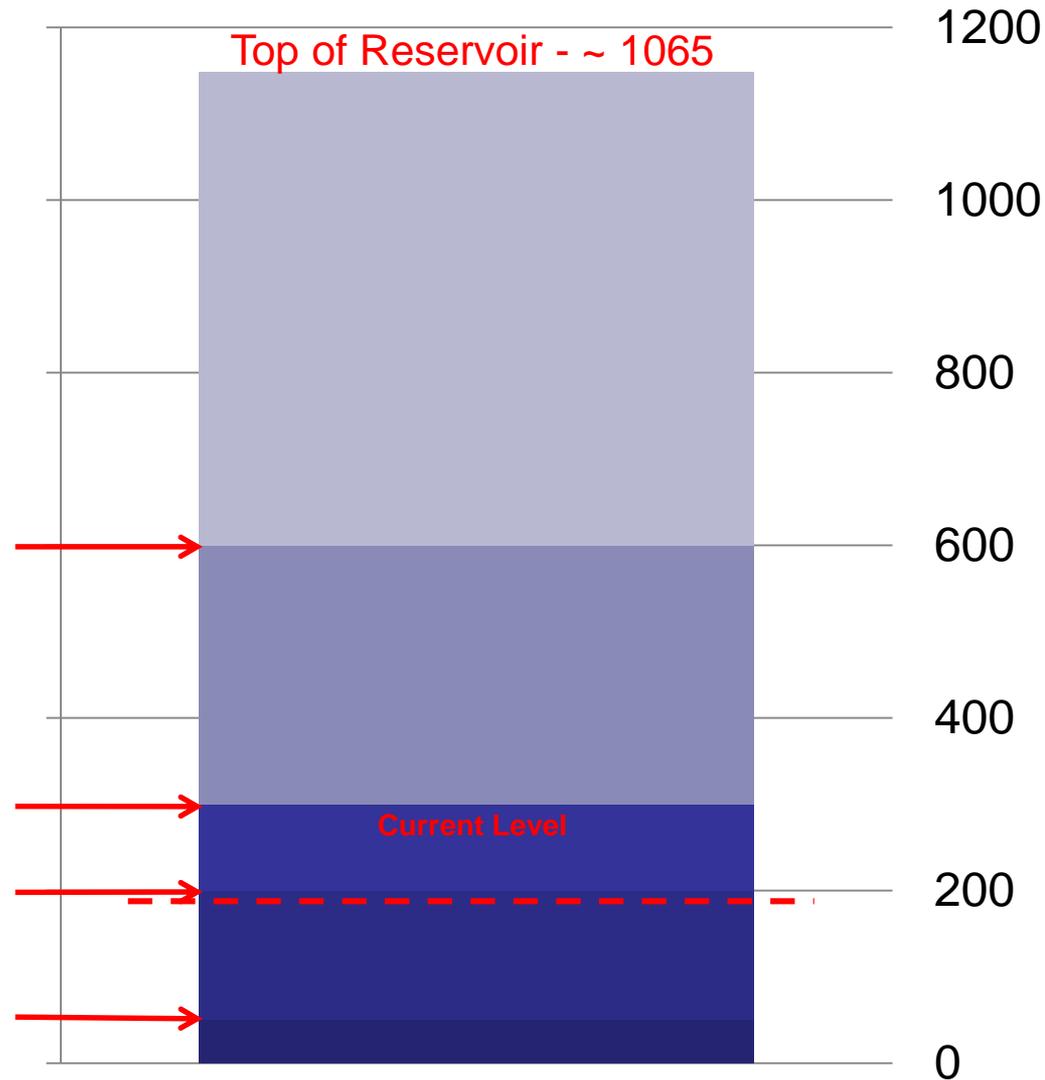
Stage 1 Mandatory Water Conservation -

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**

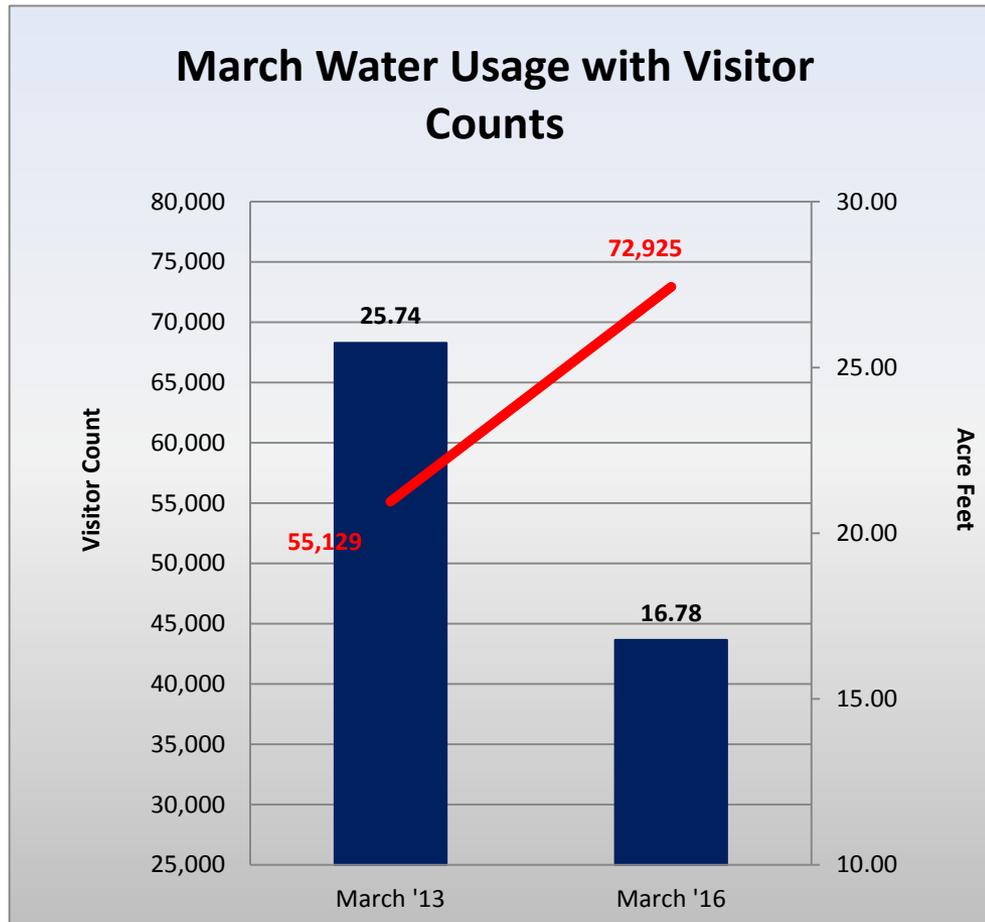
Stage 3 Mandatory Water Rationing - Customers' water usage will be reduced to **50%** of their base water usage amount if the reservoir reaches **200 acre feet**

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

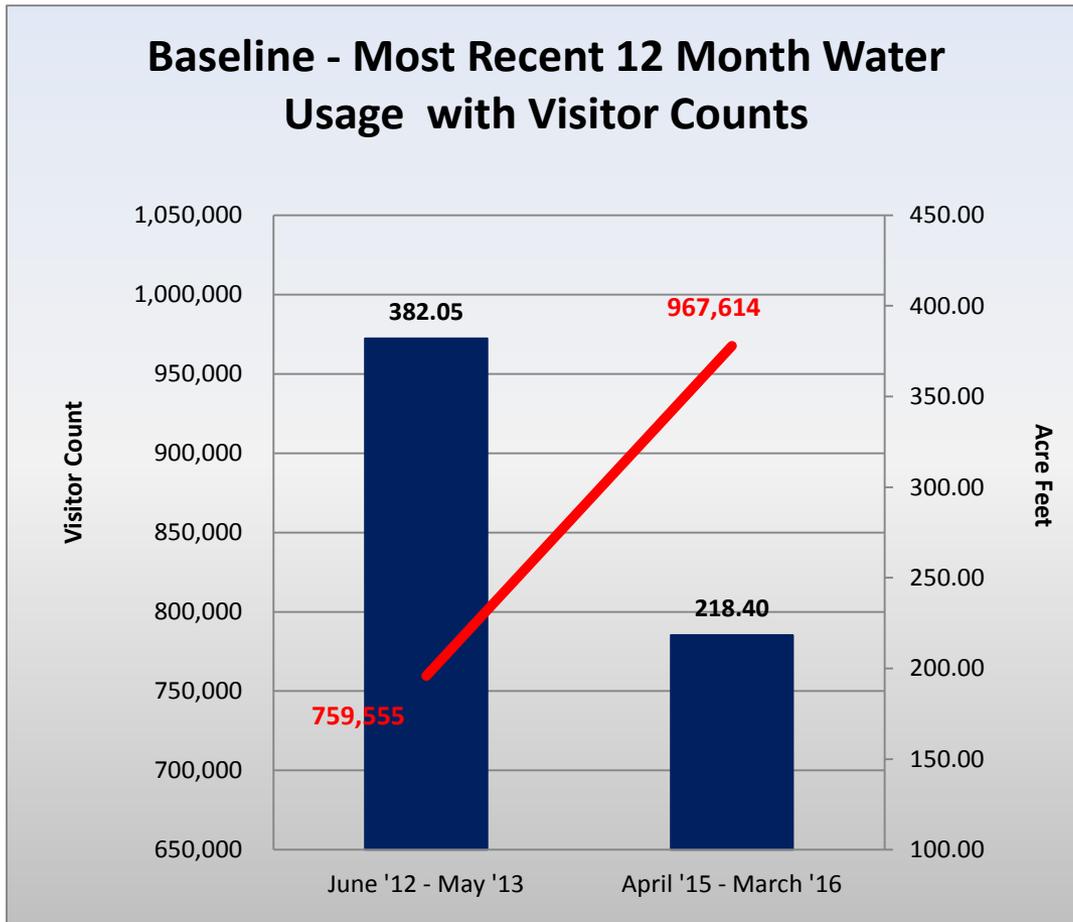
March 2016 Compared to Baseline



■ March Usage
 ↓ 34.8%
 from baseline

■ March Visitors
 ↑ Counts
 32.3%
 from baseline

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



■ April '15 – March '16 Usage

↓ 42.8%

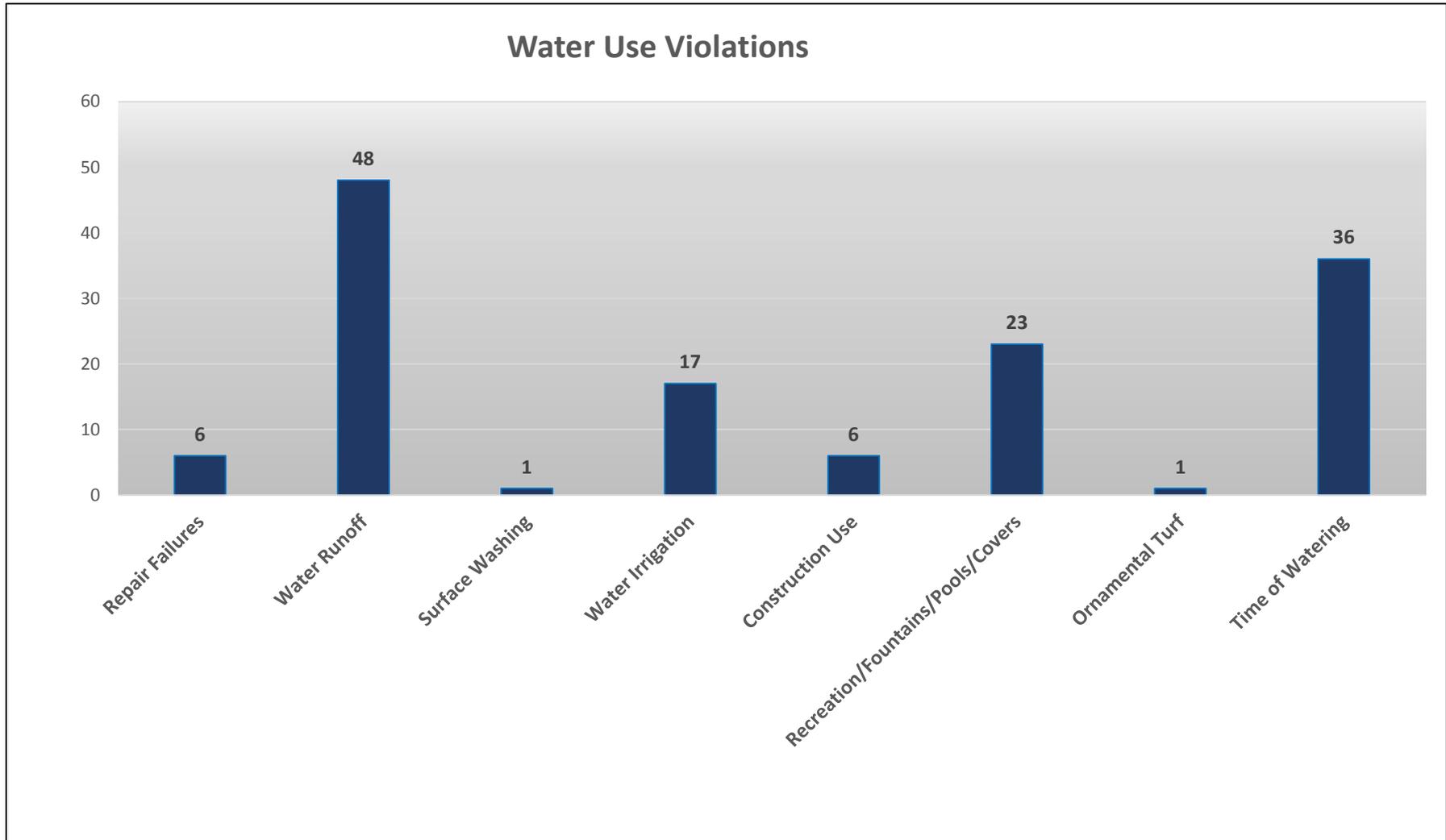
from 2012 Baseline

■ April '15 – March '16 Visitors

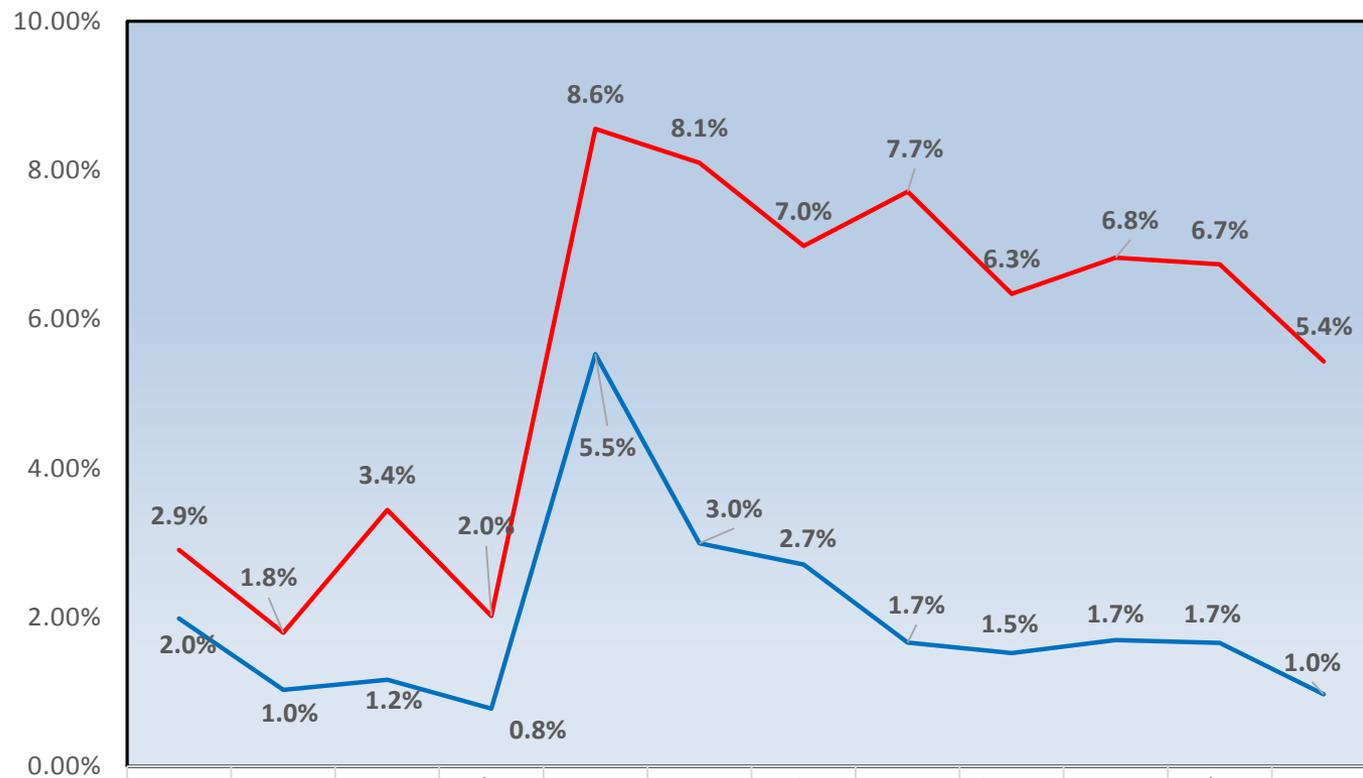
↑ 27.4%

from 2012 Baseline

Water Use Violations – 138 Violations (As of April 19, 2016)



Water Allotment Violations



	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16
Billing Statements Closed	1,411	1,950	2,237	1,930	1,356	1,469	1,919	1,504	2,759	1,948	1,751	1,858
1st Time Flow Restrictors	28	20	26	15	75	44	52	25	42	33	29	18
— % of 1st Time Flow Restrictors	2.0%	1.0%	1.2%	0.8%	5.5%	3.0%	2.7%	1.7%	1.5%	1.7%	1.7%	1.0%
Customers with 2 or more violations	41	35	77	39	116	119	134	116	175	133	118	101
— % of Customers with 2 or more violations	2.9%	1.8%	3.4%	2.0%	8.6%	8.1%	7.0%	7.7%	6.3%	6.8%	6.7%	5.4%

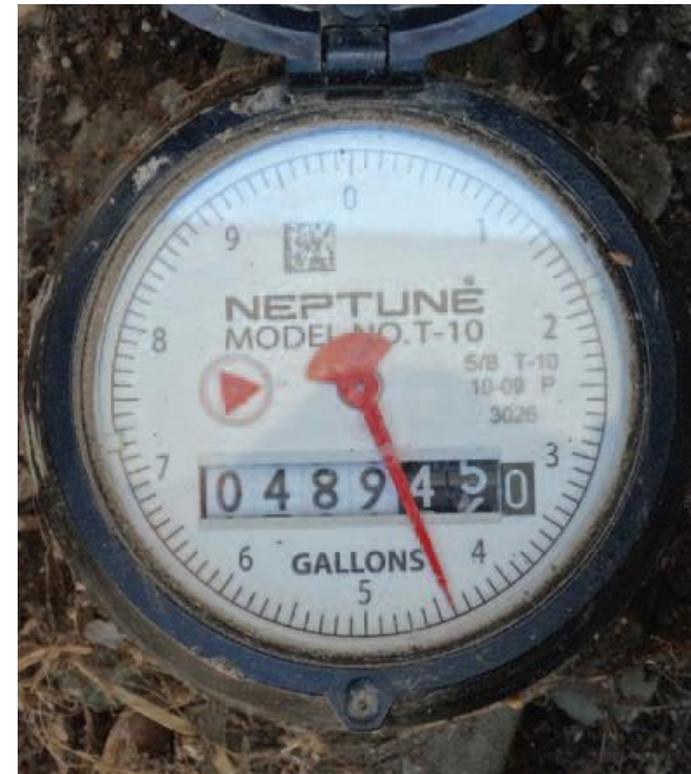
CPUC Approved Fine Structure Activated April 2

• Water Allotment Violation Fine Structure

- **1st Violation** – Written Warning
- **2nd Violation** – Flow Restrictor Installed
- **3rd Violation** - \$50 Fine
- **> 3 Violations** - each additional fine to increase by \$50, not to exceed \$500.

• Dual Purpose Water meters that cannot have a flow restrictor installed **1st Violation**

- **1st Violation** – Written Warning
- **2nd Violation** – \$250 Fine
- **3rd Violation** - \$100 Fine
- **> 3 Violations** - each additional fine to increase by \$100, not to exceed \$500.



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 will begin producing drinking water 4/20
- **Brine Mode Operation**
 - Operation in brine mode: targeting **Late June**

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
 - Desalination Plant #2 is operating in brine mode by Late June
- Activation of Stage 3 could potentially occur within two months of public notice

Catalina Island is facing extreme drought conditions.

Please do your part to save water.



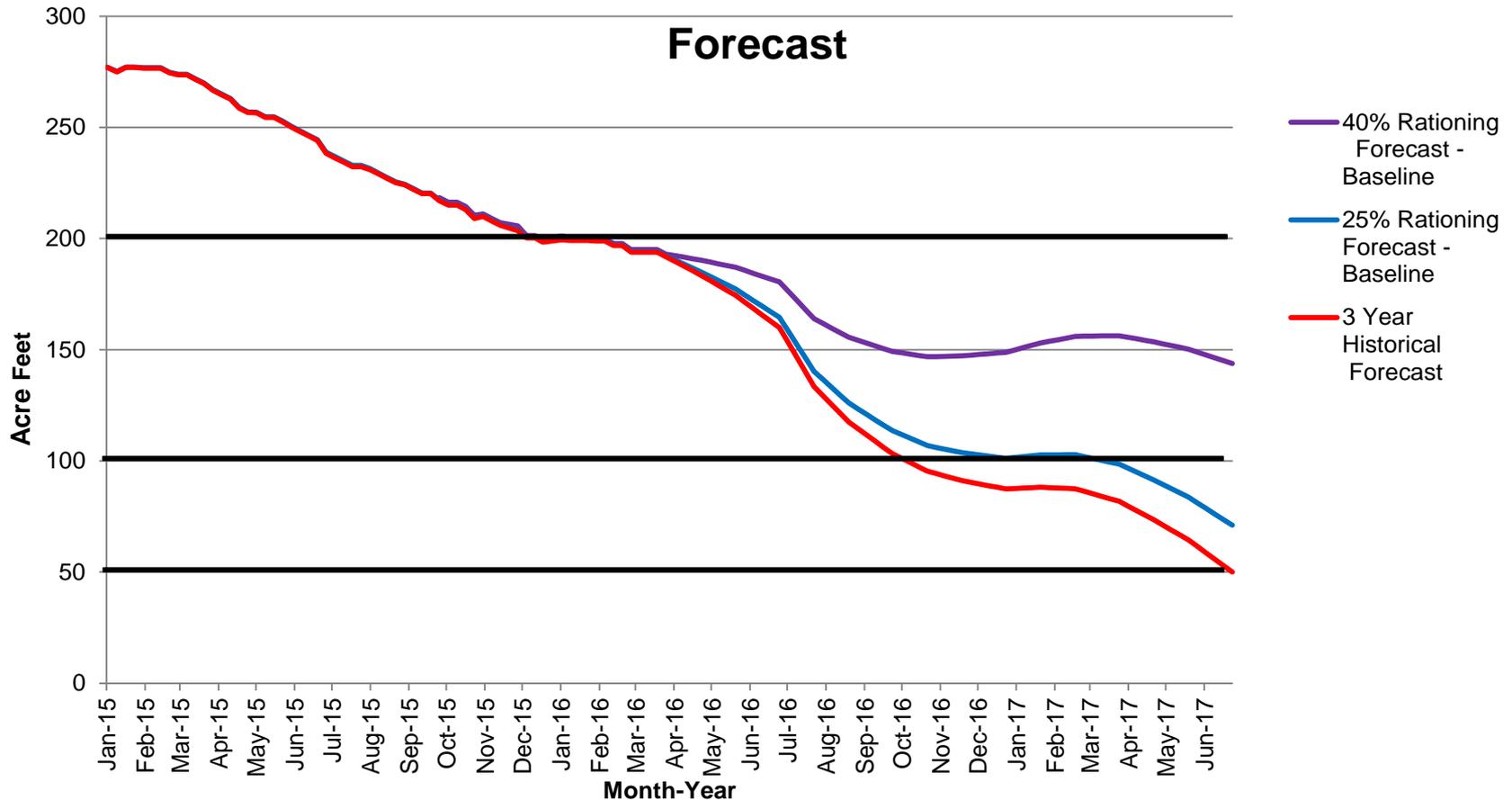
- Take shorter showers
- Hang up towels that do not need to be washed
- Don't leave water running while shampooing, washing, shaving, or brushing your teeth

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>