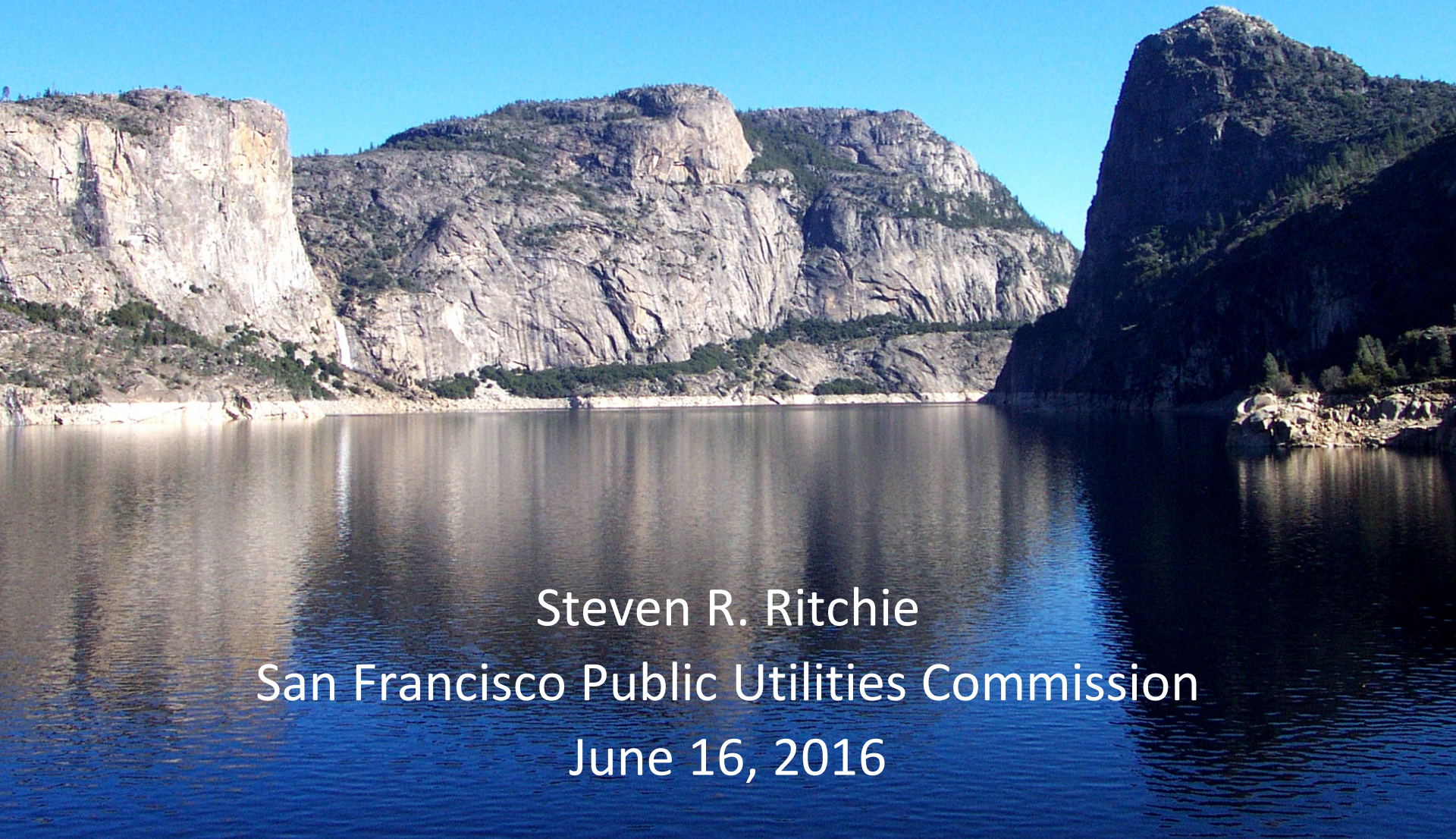


# San Francisco's Drought Experience: 2012-2016

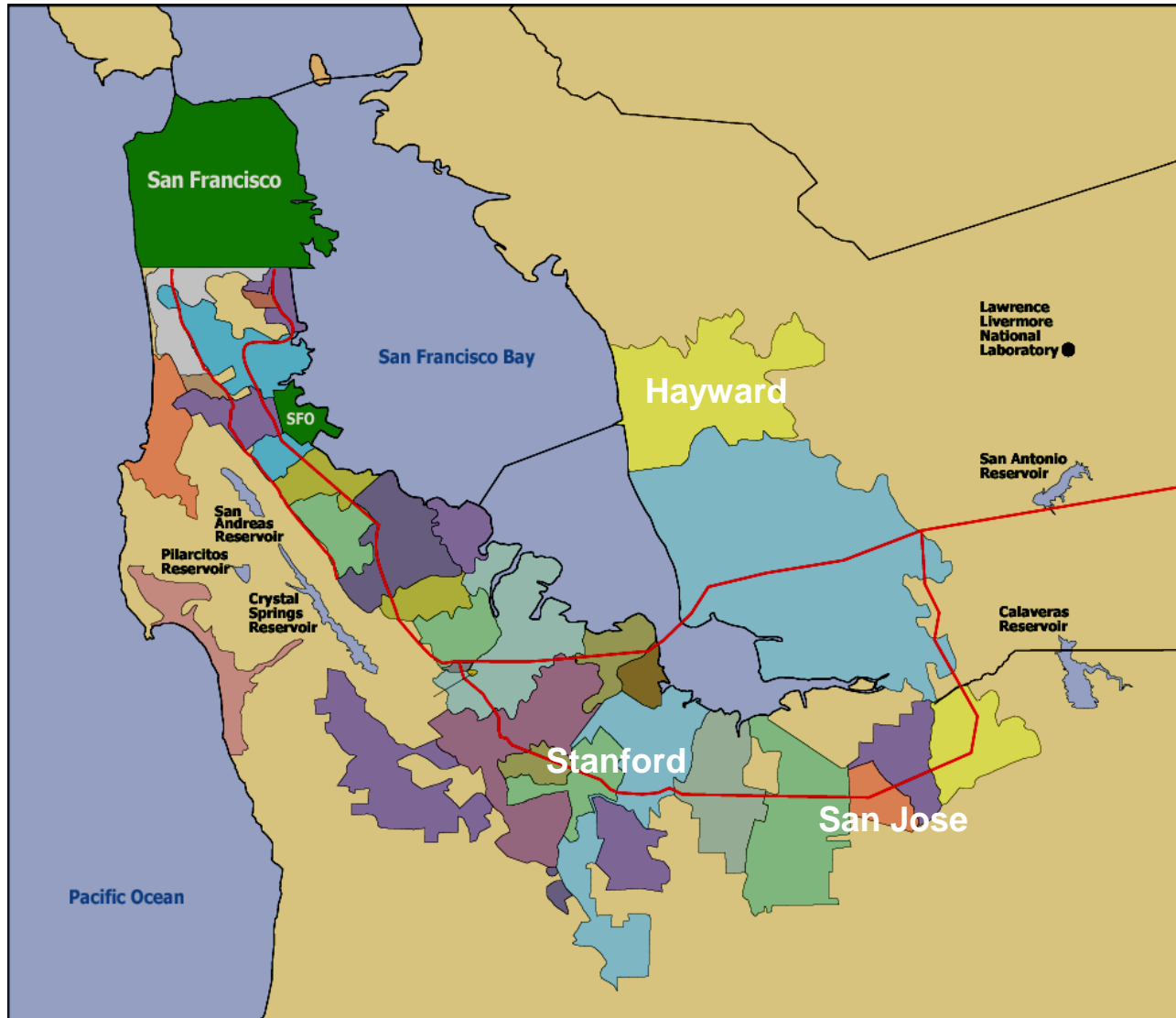


Steven R. Ritchie  
San Francisco Public Utilities Commission  
June 16, 2016

# Our Water System Spanning the Width of California

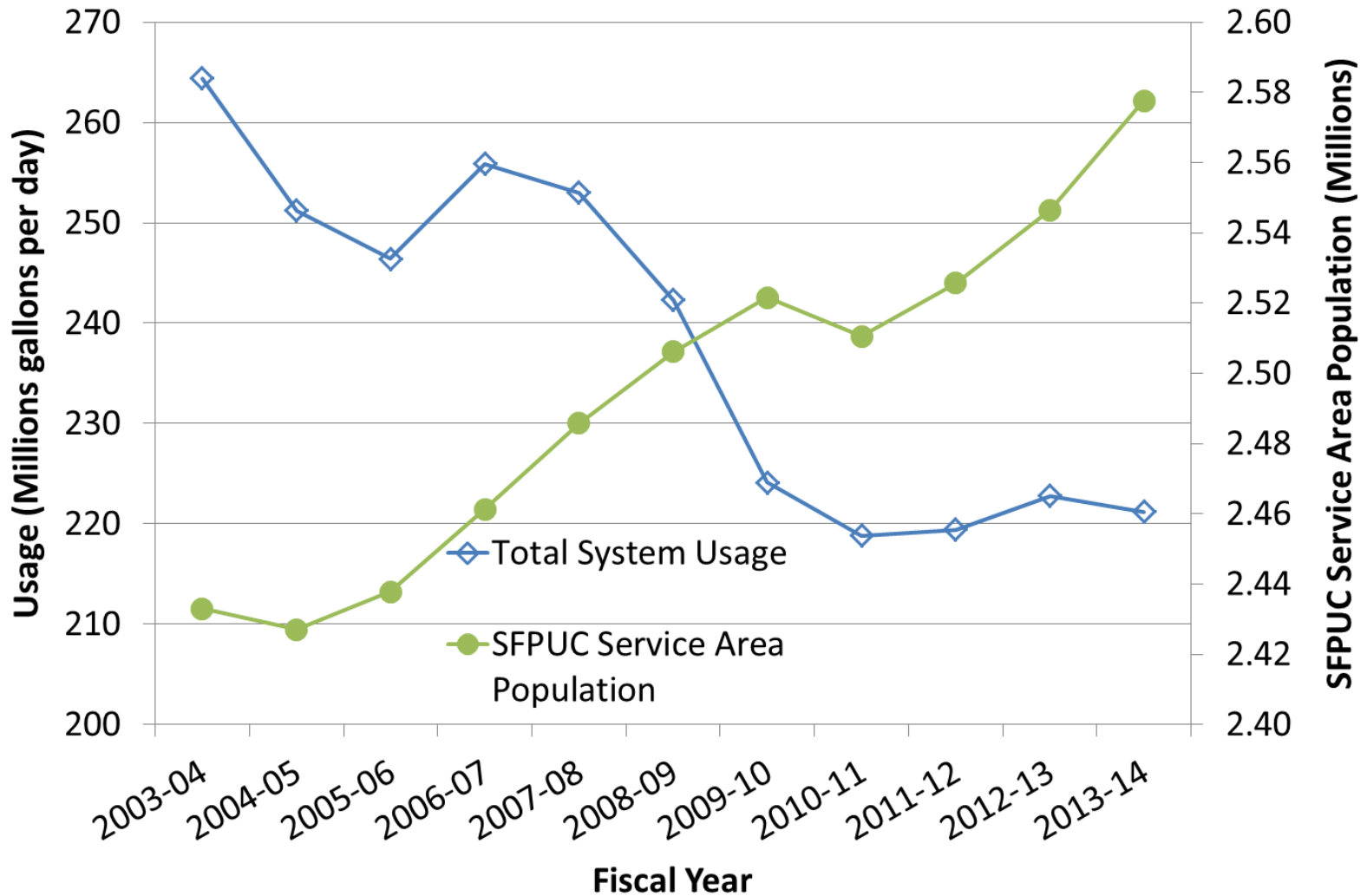


# Our Customers



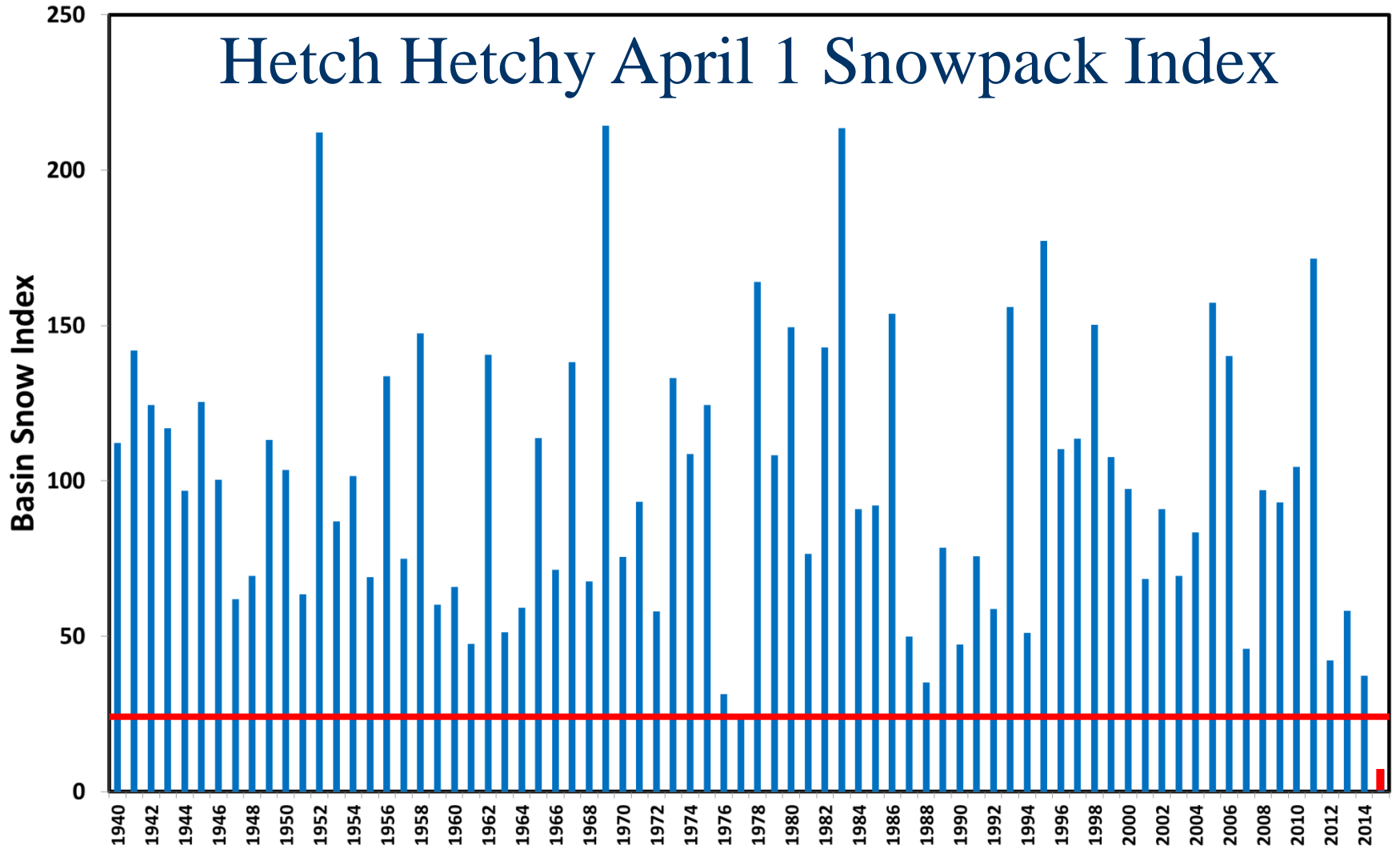
# Total Usage and Population

Services of the San Francisco Public Utilities Commission

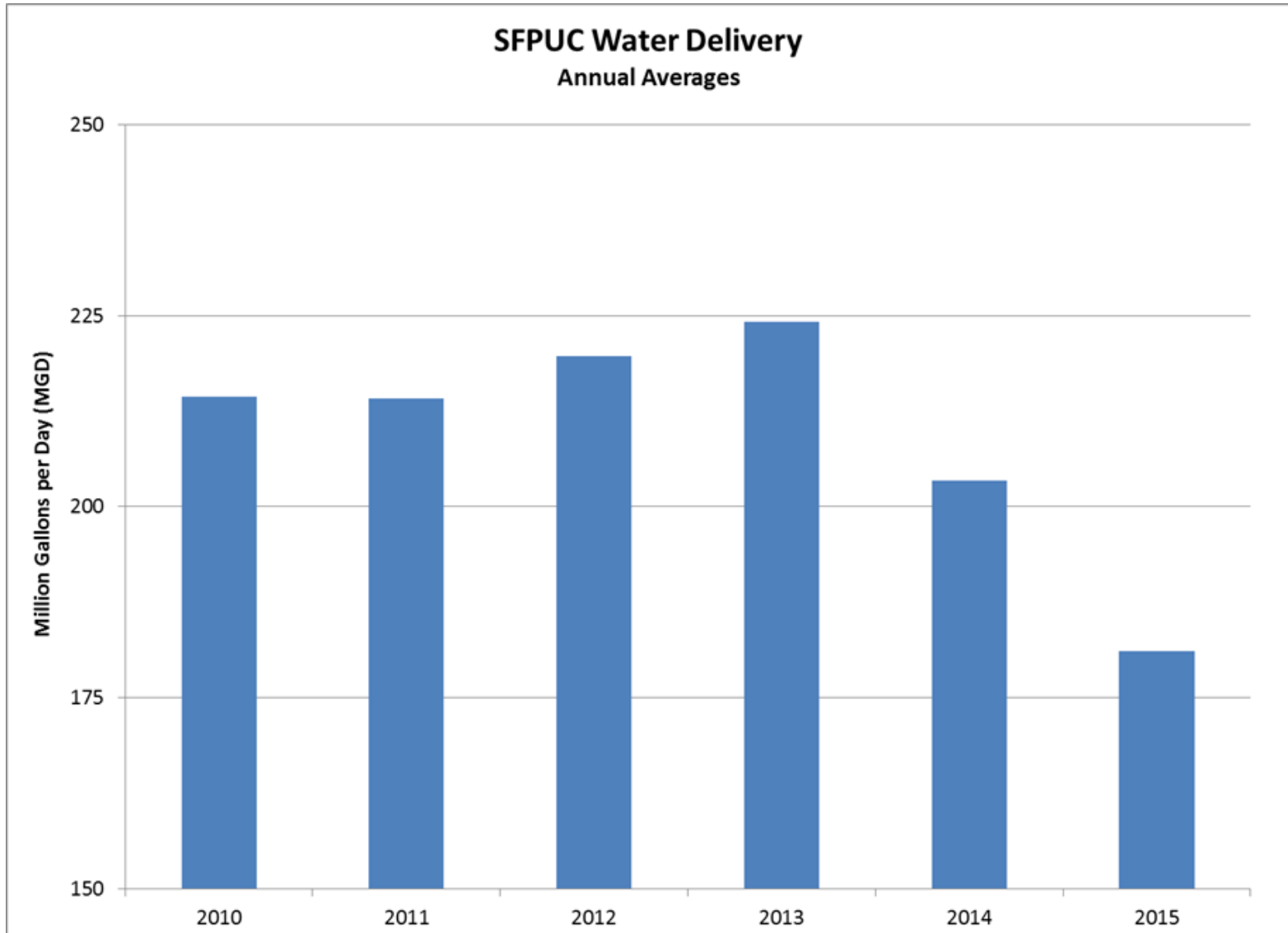


Note: Usage as reported in the J-1 Tables. Population as reported in the BAWSCA Annual Surveys and the California Department of Finance.

# Hetch Hetchy April 1 Snowpack Index

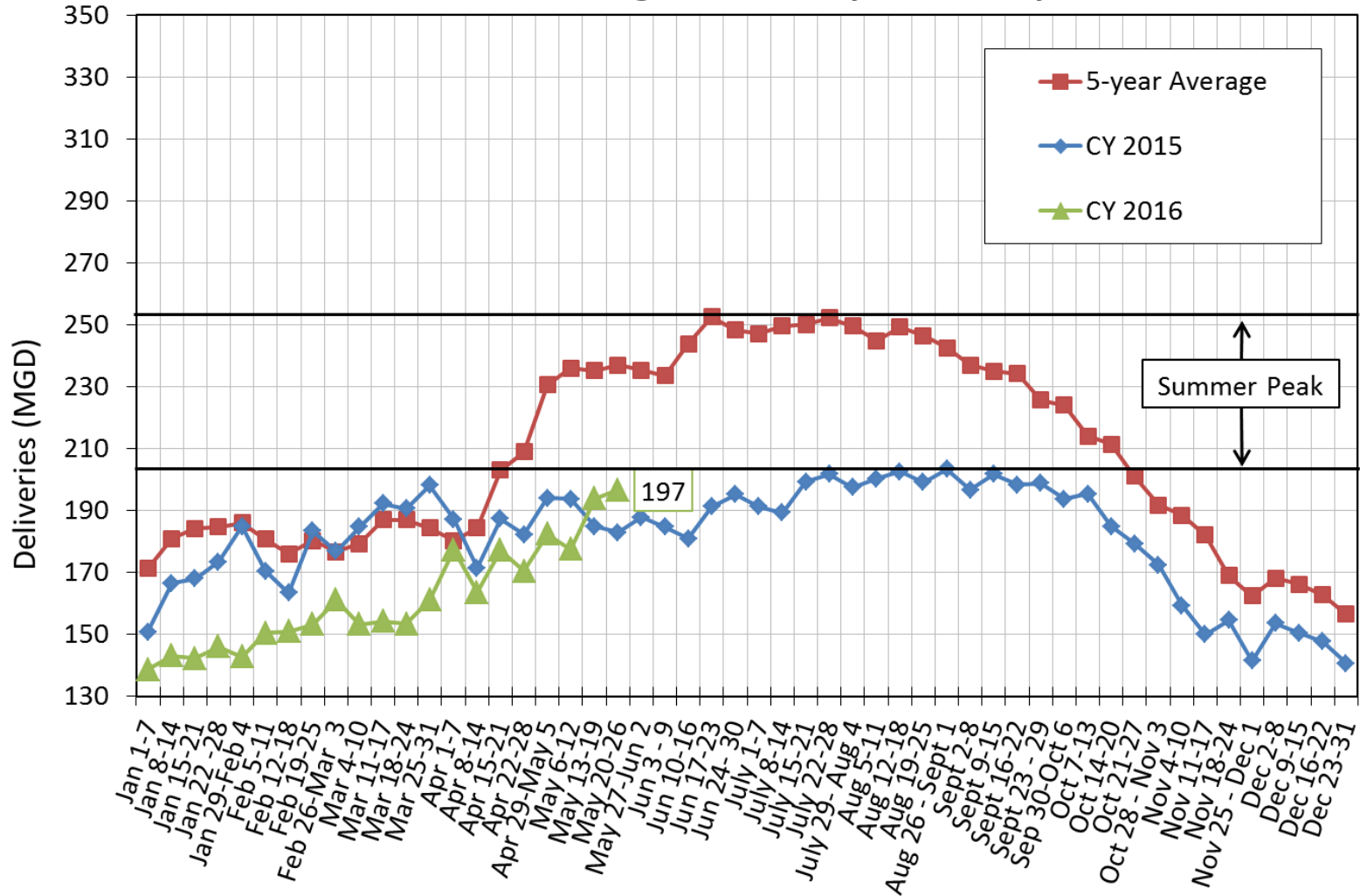


# Annual Average Deliveries



# Total Deliveries

**Regional Water System Total Deliveries**  
**Source: SFPUC Regional Water System County Meters**



# 2014 Drought Campaign

Watering twice a week will  
keep most gardens

# Satisfied.

Cut back on outdoor  
water use today.

We're in a drought!  
Hetch Hetchy water –  
too good to waste.  
[sfwater.org/conservation](http://sfwater.org/conservation)

When showering, make it a

# Quickie.

Shorten showers – save 2.5  
gallons per minute.

We're in a drought!  
Hetch Hetchy water –  
too good to waste.  
[sfwater.org/conservation](http://sfwater.org/conservation)



# 2015 Drought Campaign



# April 1, 2016 Field Report



# Hetch Hetchy June 2, 2016



# Significant State Drought Actions

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- Governor's 7 Proclamations and Executive Orders, especially:
  - January 17, 2014
  - April 1, 2015
  - May 9, 2016
- State Water Board's 5 emergency conservation regulations:
  - July 2014
  - March and May 2015
  - February and May 2016
- State Water Board curtailment notices, particularly:
  - June 12, 2015 (pre-1914 water rights)
  - June 26, 2015 (Tuolumne River)

## S.F.'s Camp Mather imperiled over water; city vows to defy order

By Kurtis Alexander | July 9, 2015 | Updated: July 9, 2015 11:34pm

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# Lessons Learned

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- Water management lessons from 1987-92 drought paid off.
- Population increases, agricultural changes and the internet/social media revolution all made this drought more challenging.
- The State has become much more active.
- Increased reporting is here to stay.
- Water use efficiency, water rates, and water rights will be hot topics for the foreseeable future.
- **Most importantly, the drought may not be over.**

**THE END(S)**

