



BAWSCA Service Area

Every drop counts. Use Water Wisely.

“A multicounty agency authorized to plan for and acquire supplemental water supplies, encourage water conservation and use of recycled water on a regional basis.”

[BAWSCA Act, AB2058 (Papan-2002)]

Atherton Environmental Programs Committee

Water Conservation

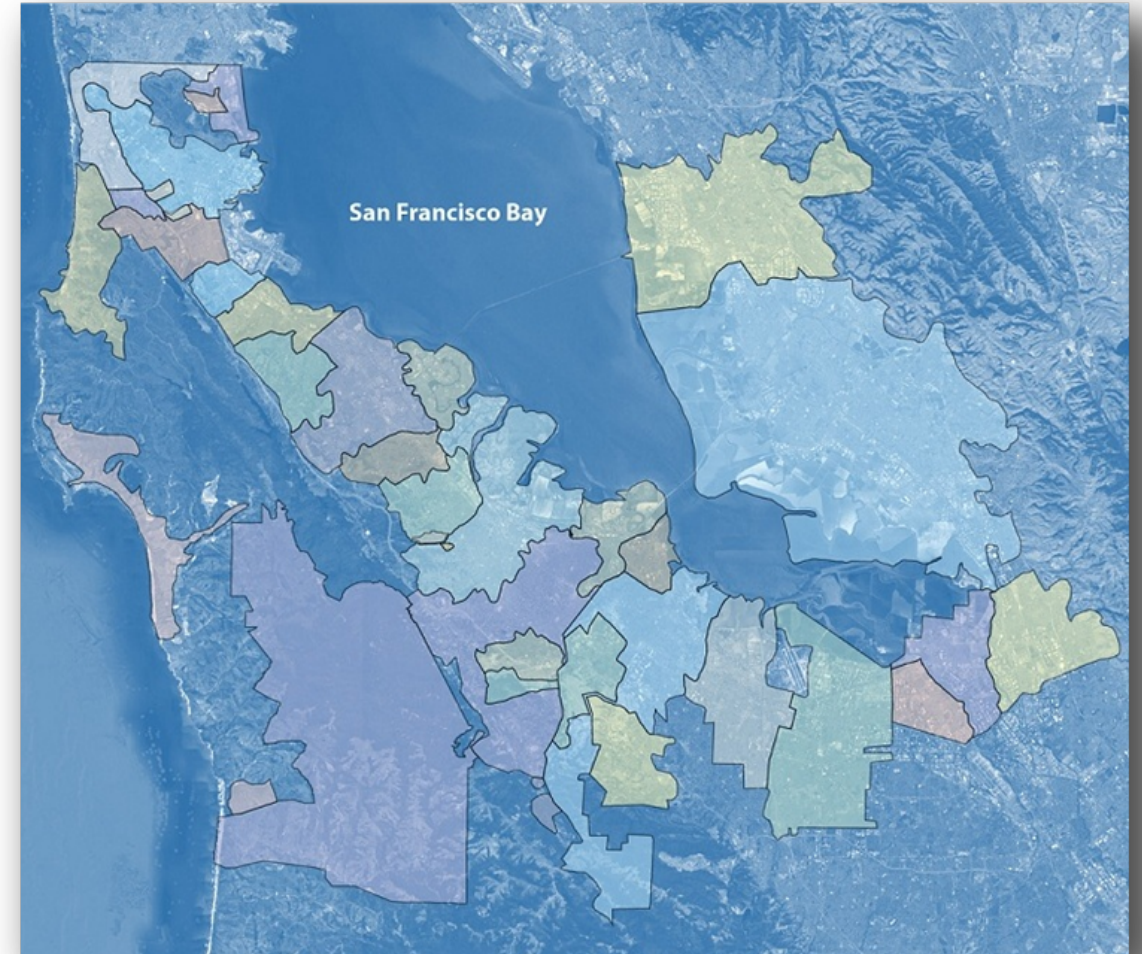
Kyle Ramey
Water Resources Specialist, BAWSCA
September 29, 2022

What is BAWSCA?

(Bay Area Water Supply and Conservation Agency)

Special District formed in 2003 to represent the interests of:

- 26 water suppliers in San Mateo, Santa Clara, and Alameda Counties
- 1.8 million residents and over 40,000 businesses, and countless community organizations
- All rely on the San Francisco (Hetch Hetchy) Regional Water System



BAWSCA's 26 Member Agencies are Served by the Regional Water System

Alameda County

- Hayward, Alameda County Water District

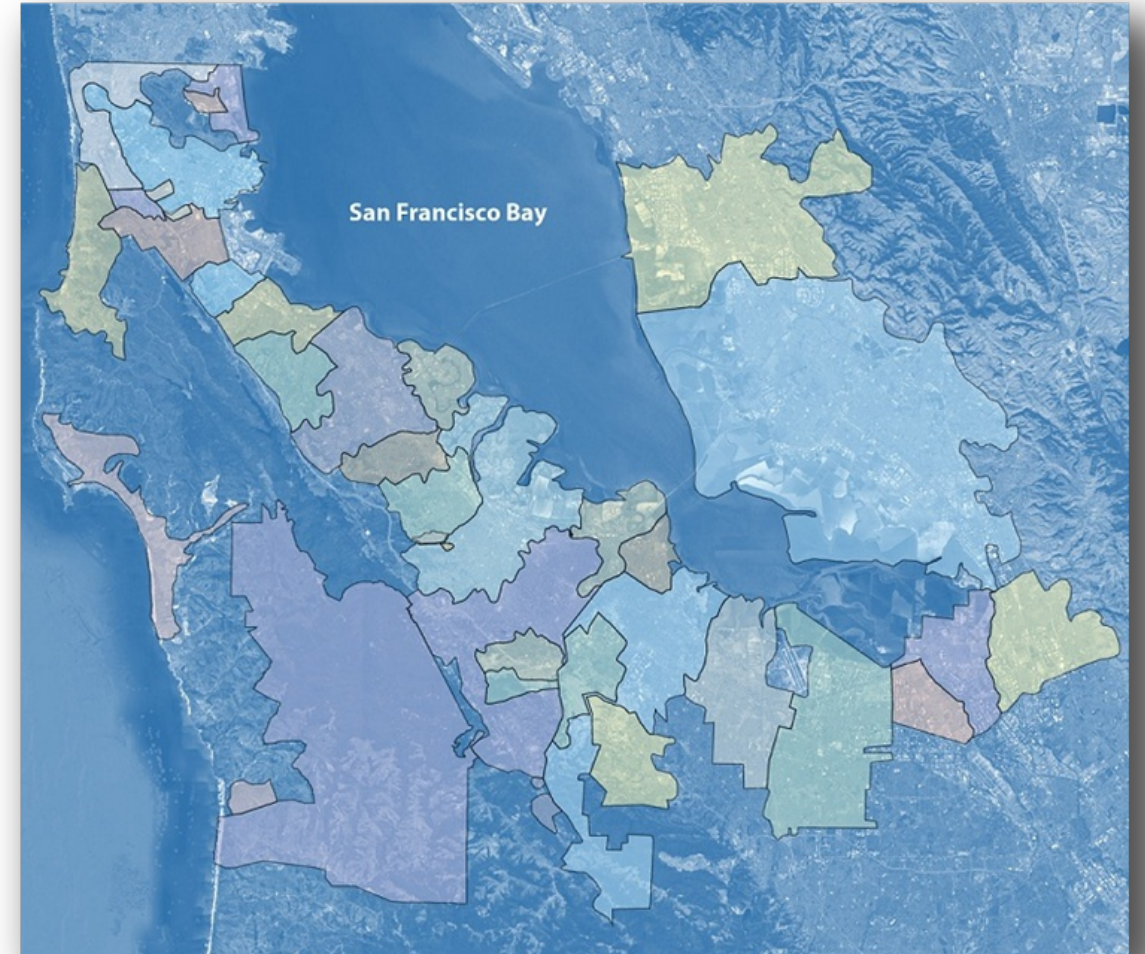
Santa Clara County

- Milpitas, San Jose, Santa Clara, Sunnyvale, Mountain View, Palo Alto, Purissima Hills WD, Stanford University

San Mateo County

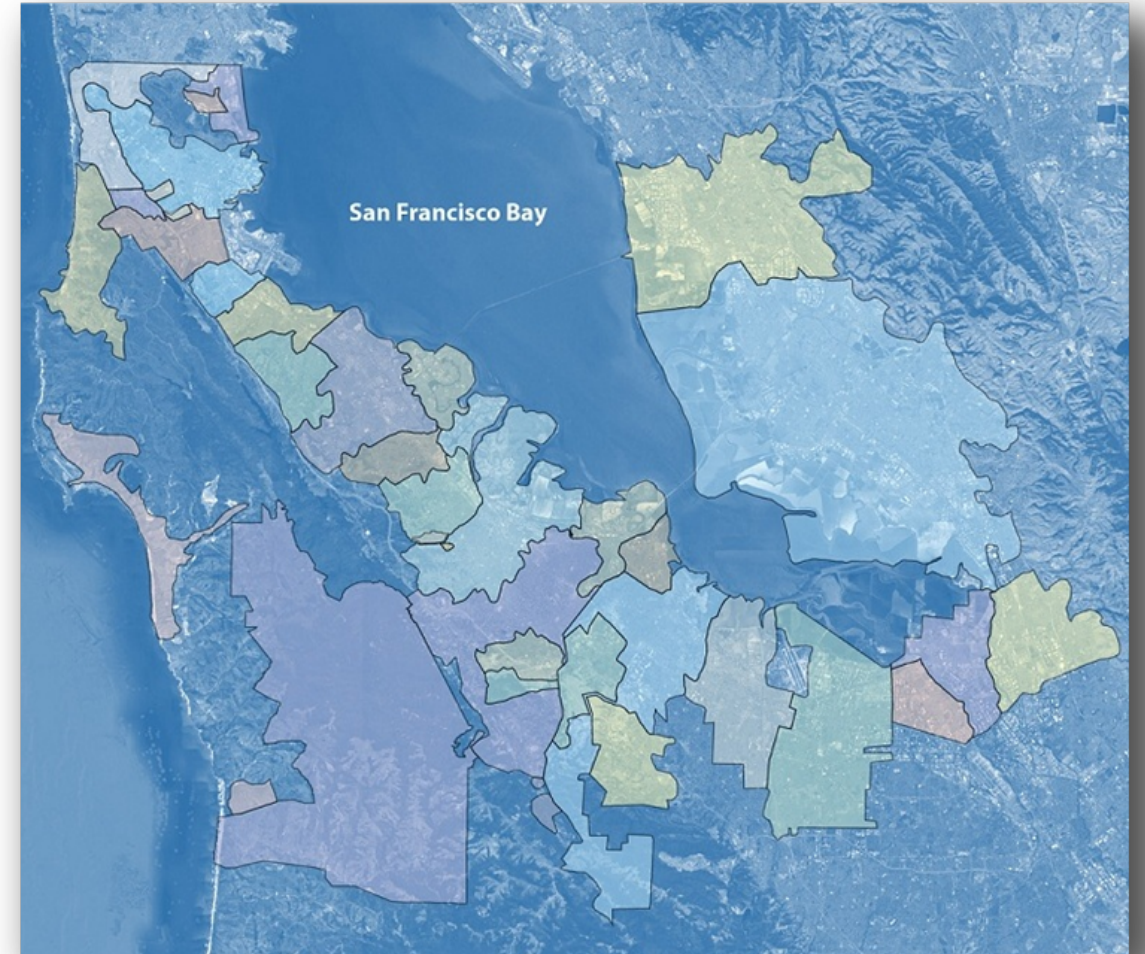
- East Palo Alto, Menlo Park, Redwood City, Cal Water Service Company, Mid-Peninsula WD, Coastside CWD, Foster City (Estero), Burlingame, Hillsborough, Millbrae, San Bruno, Brisbane, Guadalupe Valley MID, North Coast CWD, Westborough CWD, Daly City

BAWSCA Board of Directors is comprised of an elected or appointed representative from each member agency



BAWSCA's Goal

BAWSCA's Goal is Simple:
A Reliable Supply of High-Quality
Water at a Fair Price



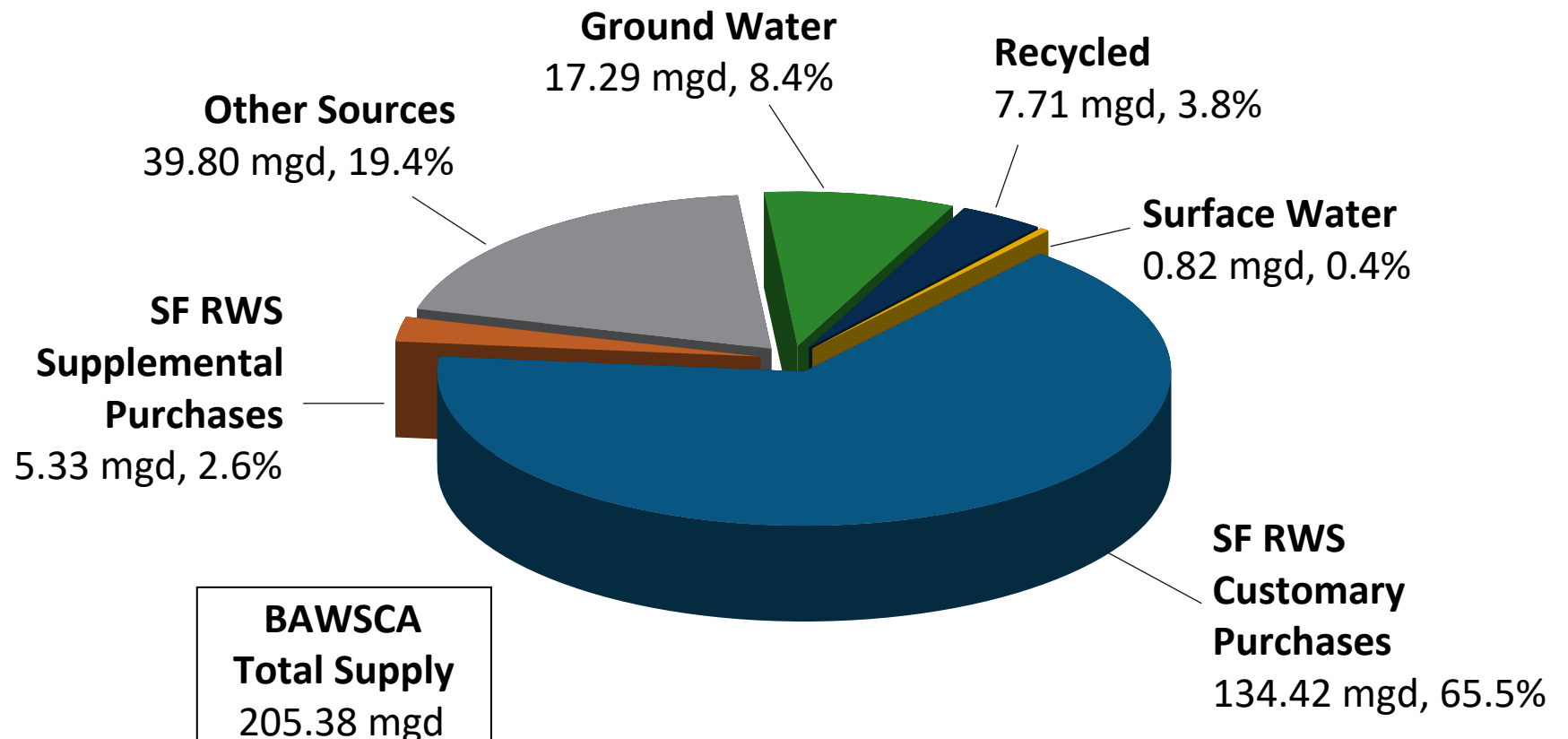
Where Does Our Water Come From?



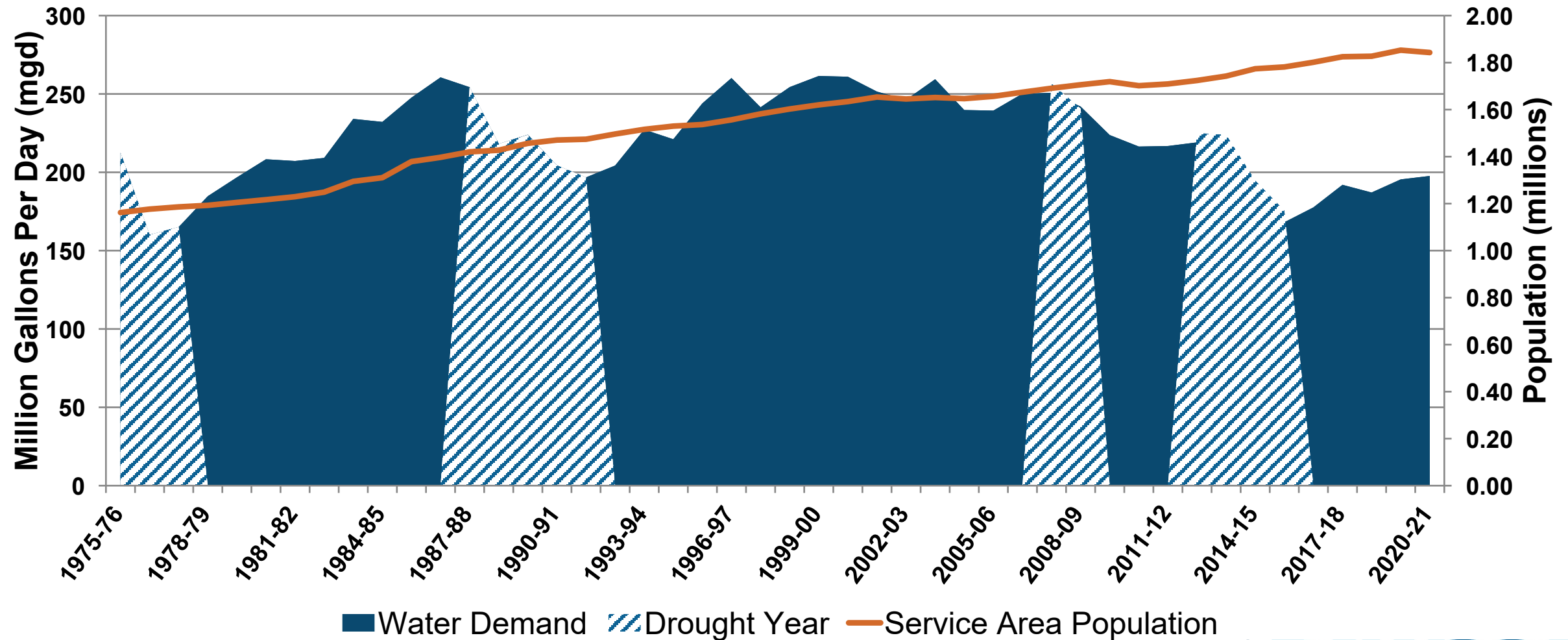
BAWSCA Agencies Rely on Regional Water System for Two-Thirds of Their Total Supply

BAWSCA agencies
Purchase two-thirds of the water supplied by
the Regional Water
System

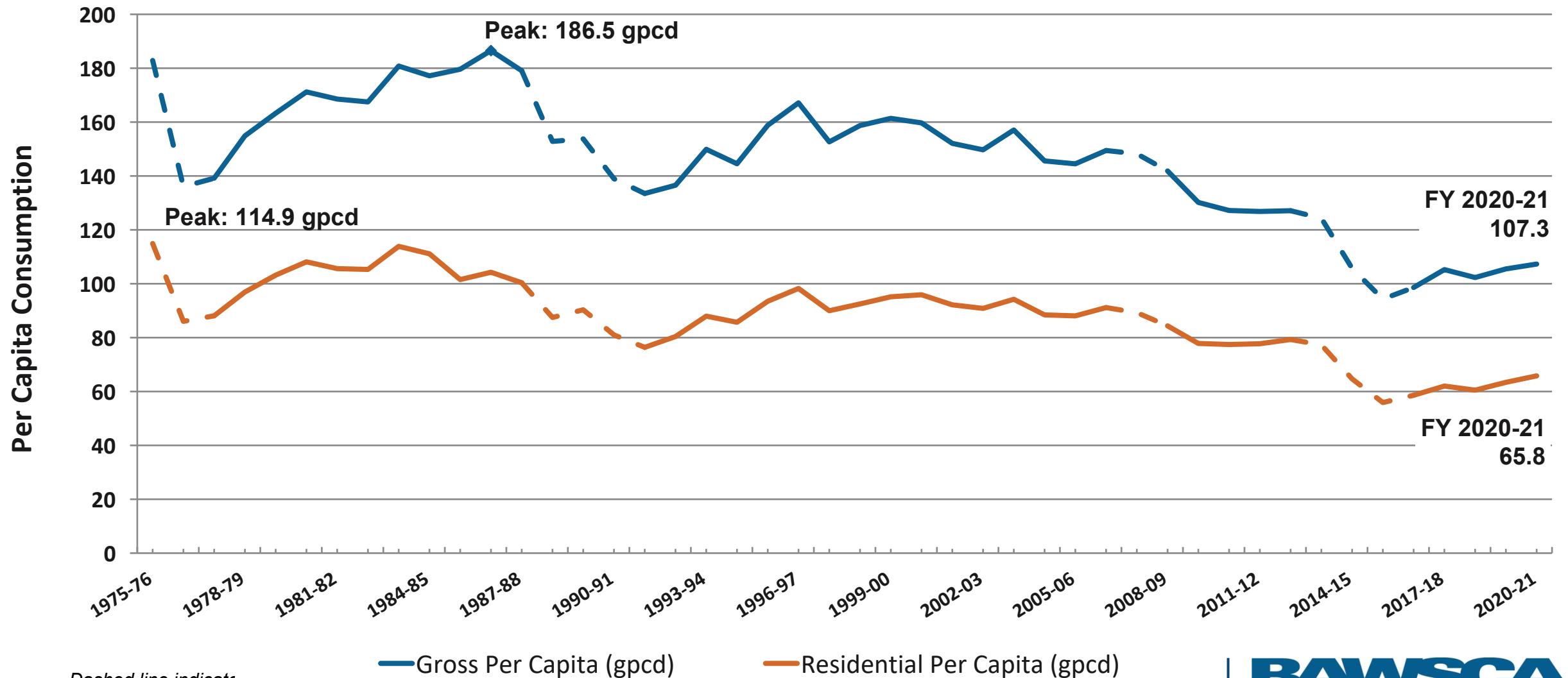
And they pay two-thirds
of the costs of the
Regional Water System



24% Less Water Used Today in BAWSCA Region Compared to FY 1986-87 Despite a 32% Population Increase



Residential Per Capita Has Decreased by 37% in BAWSCA Region Since FY 1986-87



Water Supply Conditions Update

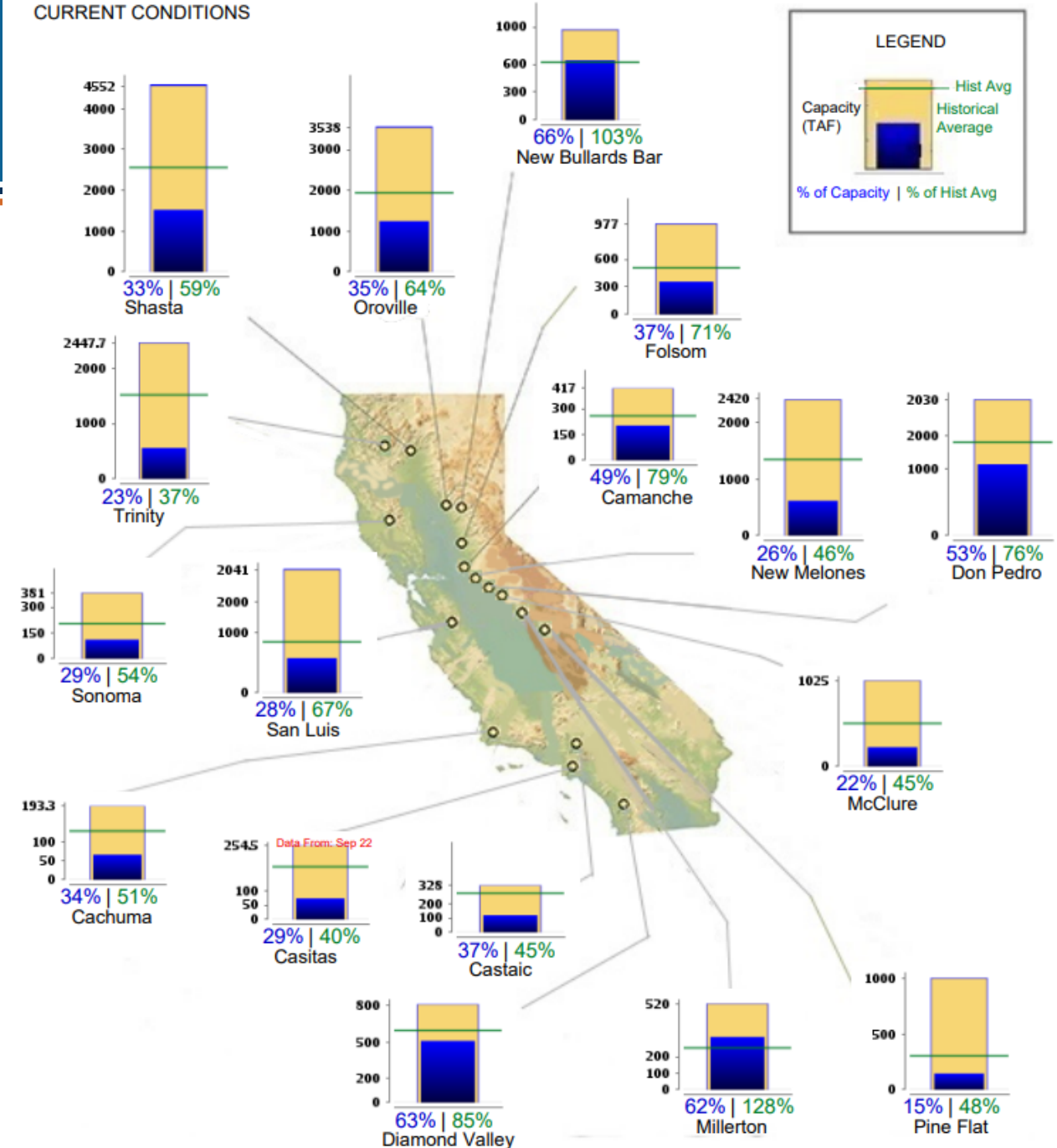
Reservoir	Current Storage ^{1,2,3} (AF)	Maximum Storage ⁴ (AF)	Available Capacity (AF)	Percent of Maximum Storage	Normal Percent of Maximum Storage ⁵
<u>Tuolumne System</u>					
Hetch Hetchy	285,500	360,360	74,860	79.2%	80.7%
Cherry	243,600	273,345	29,745	89.1%	-
Eleanor	18,590	27,100	8,510	68.6%	-
Water Bank	252,151	570,000	317,849	44.2%	97.6%
Total Tuolumne Storage	799,841	1,230,805	430,964	65.0%	-
<u>Local System</u>					
Calaveras	58,202	96,670	38,468	60.2%	-
San Antonio	43,282	53,266	9,984	81.3%	-
Crystal Springs	51,361	58,309	6,948	88.1%	-
San Andreas	17,084	19,027	1,943	89.8%	-
Pilarcitos	2,357	3,030	673	77.8%	-
Total Local Storage	172,286	230,302	58,016	74.8%	-
Total System Storage	972,127	1,461,107	488,980	66.5%	82.0%
Total without water bank	719,976	891,107	171,131	80.8%	-

Water Supply Conditions Update

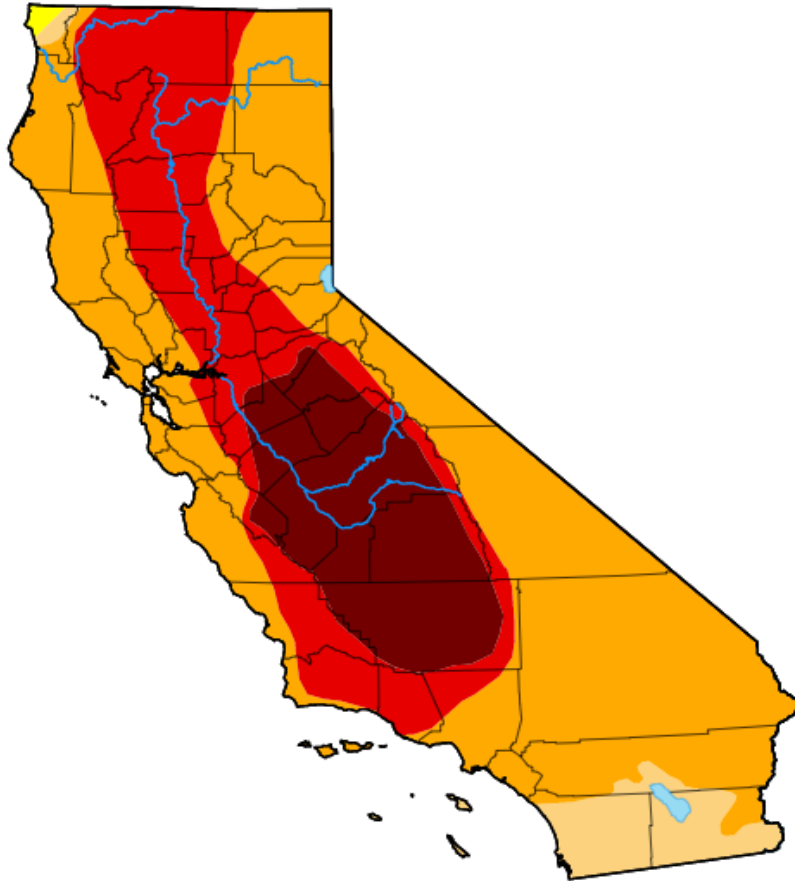
Other California Reservoirs

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS CURRENT CONDITIONS

Midnight - September 25, 2022



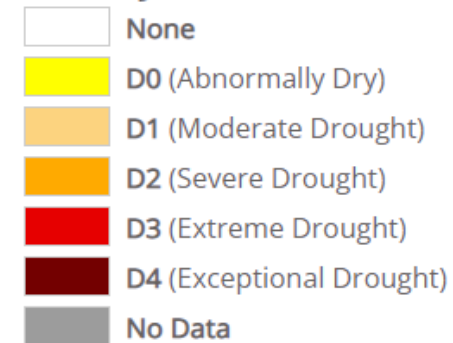
Water Supply Conditions Update



Map released: Thurs. September 22, 2022

Data valid: September 20, 2022 at 8 a.m. EDT

Intensity



Authors

United States and Puerto Rico Author(s):

Richard Heim, NOAA/NCEI

Pacific Islands and Virgin Islands Author(s):

Tsegaye Tadesse, National Drought Mitigation Center

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying **text summary** for forecast statements.*

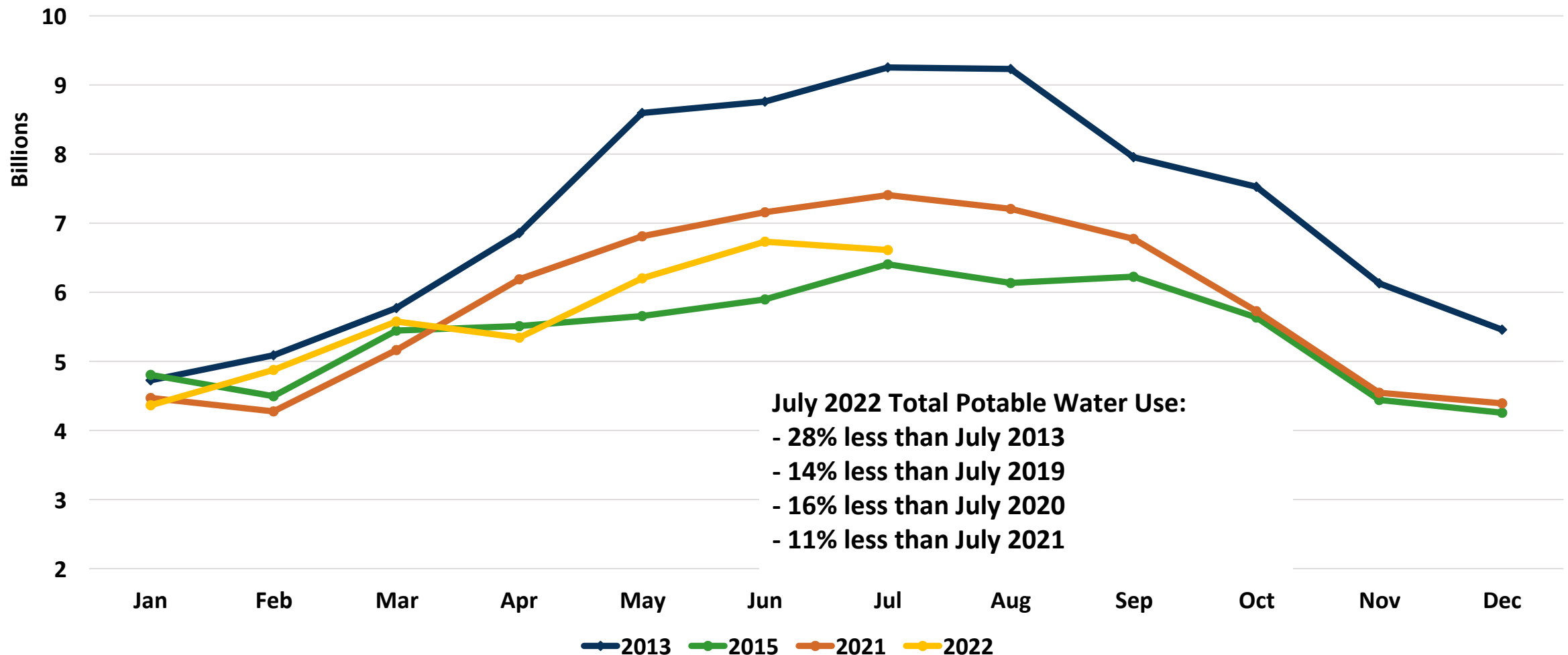
BAWSCA Drought Message - Use Water Wisely!

- Important to use water wisely now
- SFPUC request for voluntary reductions from all water customers of 15% from FY 2019/2020 levels
- Every drop saved today is stored in our reservoirs for use later (next year)
- Summertime offers best opportunity to easily reduce water use
 - Consider reducing outdoor water use / watering of lawns and gardens
 - Take advantage of the multitude of conservation programs and rebate opportunities



BAWSCA July 2022 Total Potable Water Use

28% Less Than July 2013 and 14% Less Than July 2019



How Much Are Customers Conserving?

--- Provisional Data Subject to Revision ---

For the Period July 1, 2021 - June 30, 2022			
CUSTOMER GROUPS	FY2019/2020 AVG. MGD	FY2021/2022 AVG. MGD	% REDUCTION
San Francisco Customers	63.0	55.8	11.4%
Wholesale Customers	136.6	131.5	3.8%
TOTAL	199.7	187.3	6.2%

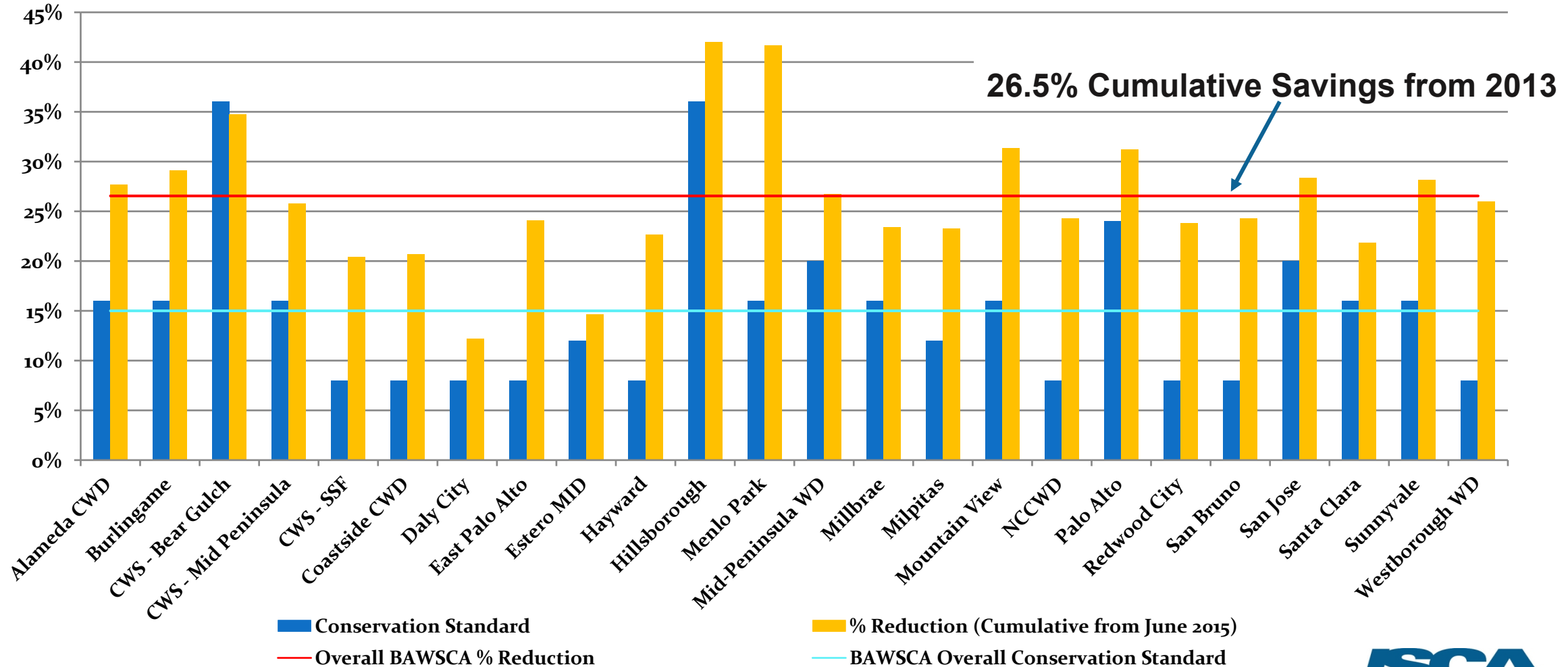
For the Period January 1, 2022 - September 8, 2022			
CUSTOMER GROUPS	FY2019/2020 AVG. MGD	FY2021/22/23 AVG. MGD	% REDUCTION
San Francisco Customers	62.8	57.0	9.3%
Wholesale Customers	138.7	134.5	3.0%
TOTAL	201.5	191.5	5.0%

For the Period July 1, 2022 - September 8, 2022			
CUSTOMER GROUPS	FY2019/2020 AVG. MGD	FY2022/2023 AVG. MGD	% REDUCTION
San Francisco Customers	67.0	58.1	13.2%
Wholesale Customers	166.7	152.6	8.5%
TOTAL	233.6	210.7	9.8%

The summer numbers are promising – we need that trend to continue (and savings to grow)



Agencies Achieved 26.5% Cumulative Savings During Last Drought (June 2015 through Feb. 2016)



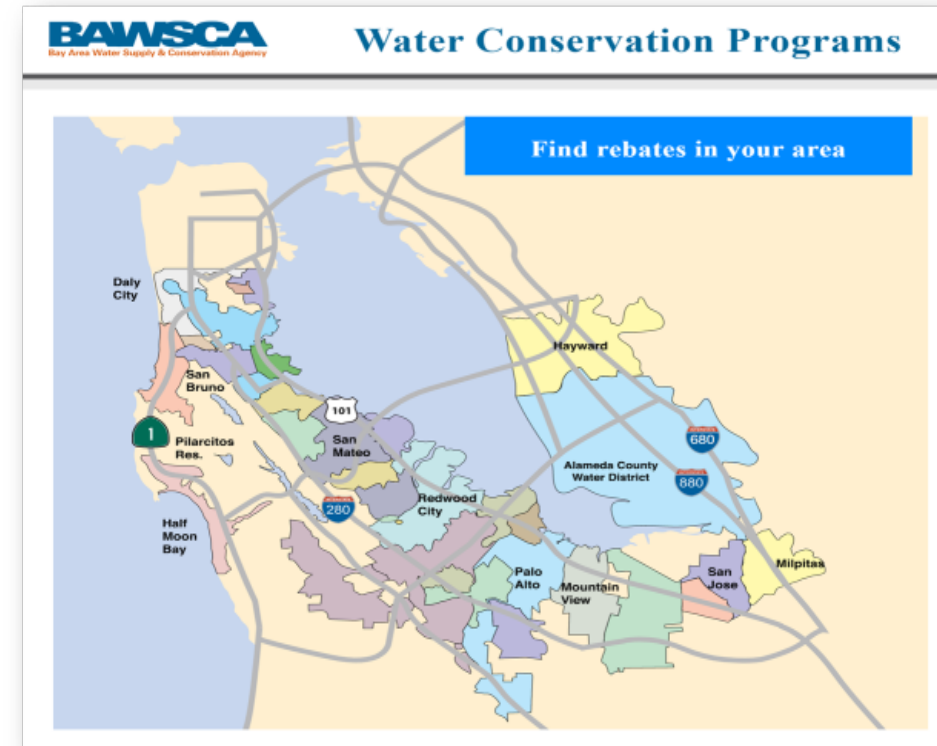
BAWSCA Providing Overall Regional Drought Coordination

- BAWSCA's current drought support efforts are focused on
 - Coordination of drought messaging and response efforts in region
 - Expanded public outreach and conservation program support
 - Implementing new and existing conservation programs that reduce water demand
- Coordination on drought messaging includes
 - Working with member agencies on a unified message
 - Ongoing coordination with SFPUC, Valley Water and other Bay Area water agencies
 - Update of BAWSCA's website
- BAWSCA responding to expanded requests for public outreach and providing information on
 - Updates on current Regional Water System water supply conditions
 - Clarification on the "call to conserve water"
 - BAWSCA and member agencies' response to the drought
 - BAWSCA's conservation programs



Go to www.BAWSCA.org/drought for Drought and Conservation Program Information for Region

- A discussion of the 2021-23 Drought
- Links to the following:
 - Programs and Rebates
 - Indoor Water Savings Tips
 - Outdoor Water Savings Tips
 - Additional Drought Information
- “Find Rebates” map with links to agency websites & rebate information



Save Water Outdoors with BAWSCA's Rebate Programs



Rain Barrel Rebate

Up to \$200



Lawn Be Gone!

\$1 to \$4 per sq. ft.
Additional \$300 rebate for
Rain Garden installation



Smart Irrigation Controller
Rebate

Up to \$74.99

Save Water with BAWSCA's Conservation Programs

Irrigation Hardware Rebates!



High
Efficiency
Sprinkler
Nozzles
\$5/nozzle



High
Efficiency
Spray
Bodies
\$10/body



High
Efficiency
Large
Rotors
\$30/rotor



Residential
Self-
Audit Tool

Choose to order a conservation kit or follow online instructions to complete a home water audit!

Is Your Yard Drought Ready? Get Ideas from Your Neighbors

Free On-Line Landscape Classes and Garden Tours Available to Help

www.BAWSCA.org



FREE Landscape Classes

A variety of classes taught by local professionals for beautiful, water efficient gardens.



Garden Tours

Bay Area community-based tours. Showcases private gardens that feature California native plants.

Questions and Comments



L. Ash, 2017

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