



Monthly Drought Response and Water Supply Update

Valley Water Board Meeting
August 10, 2021



Collaboration

State drought emergency - July 8

Retailer Subcommittee Meetings

New Ad Hoc Drought Retailer Subcommittee

Letters to encourage water use reduction

- Surface water users
- Agricultural pumpers

Engage with local municipalities



Retailer Water Use Restrictions

Determined by retailers (Water Shortage Contingency Plans)

Investor-owned retailers need approval of the California Public Utilities Commission (CPUC)

Valley Water's Resolution 21-68 includes examples of possible restrictions from CPUC Resolution W-4976

Encouraging consistency

Detailed list of retailers' restrictions



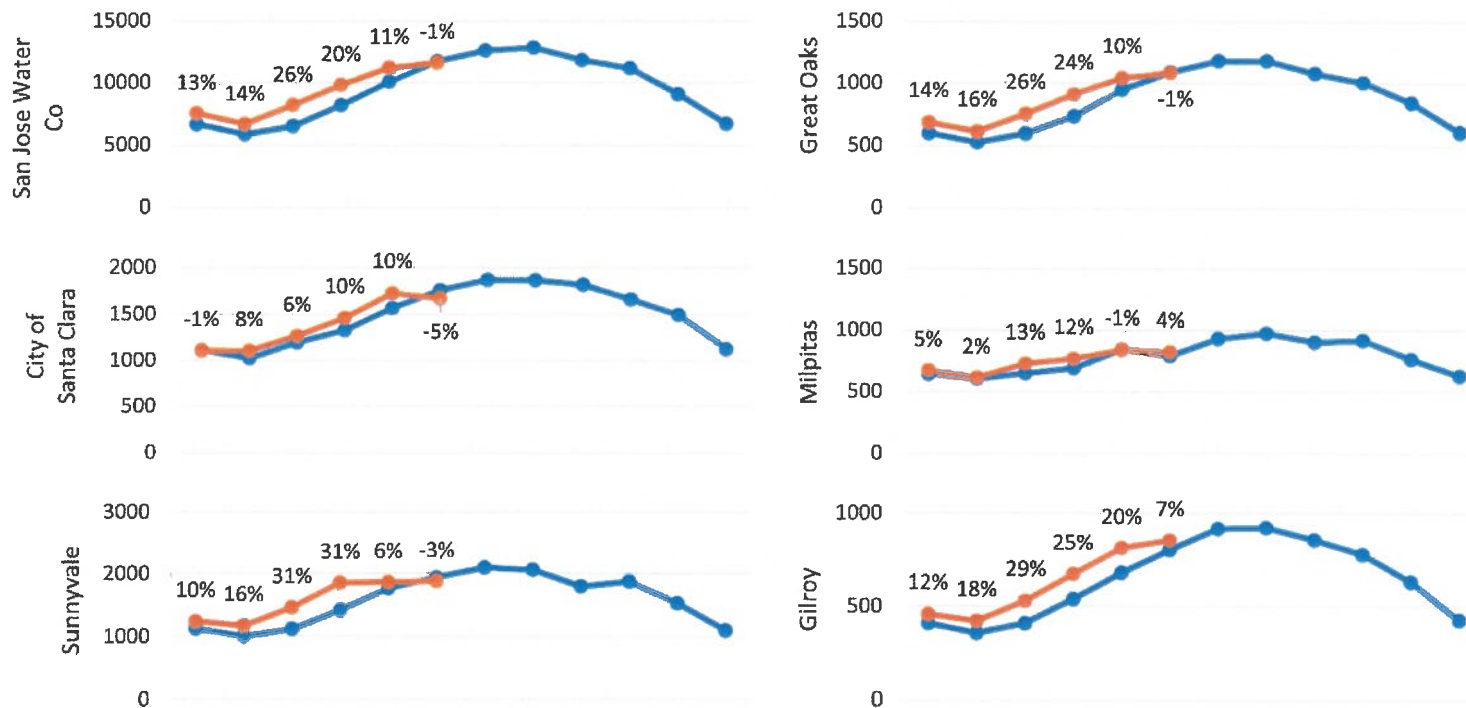
Water Use Surcharges and Penalties

Investor-owned Water Retailers			
	San Jose Water Company	Great Oaks Water Company	California Water Service
CPUC Status	Pending	Approved	Approved
Surcharge for Exceeding Drought Allocation	No	\$6.9804/CCF	No
Penalties for Violating Water Waste Restrictions	No	Yes	Yes

Monthly Water Use by Retailer in Acre-Feet

— 2019 — 2021

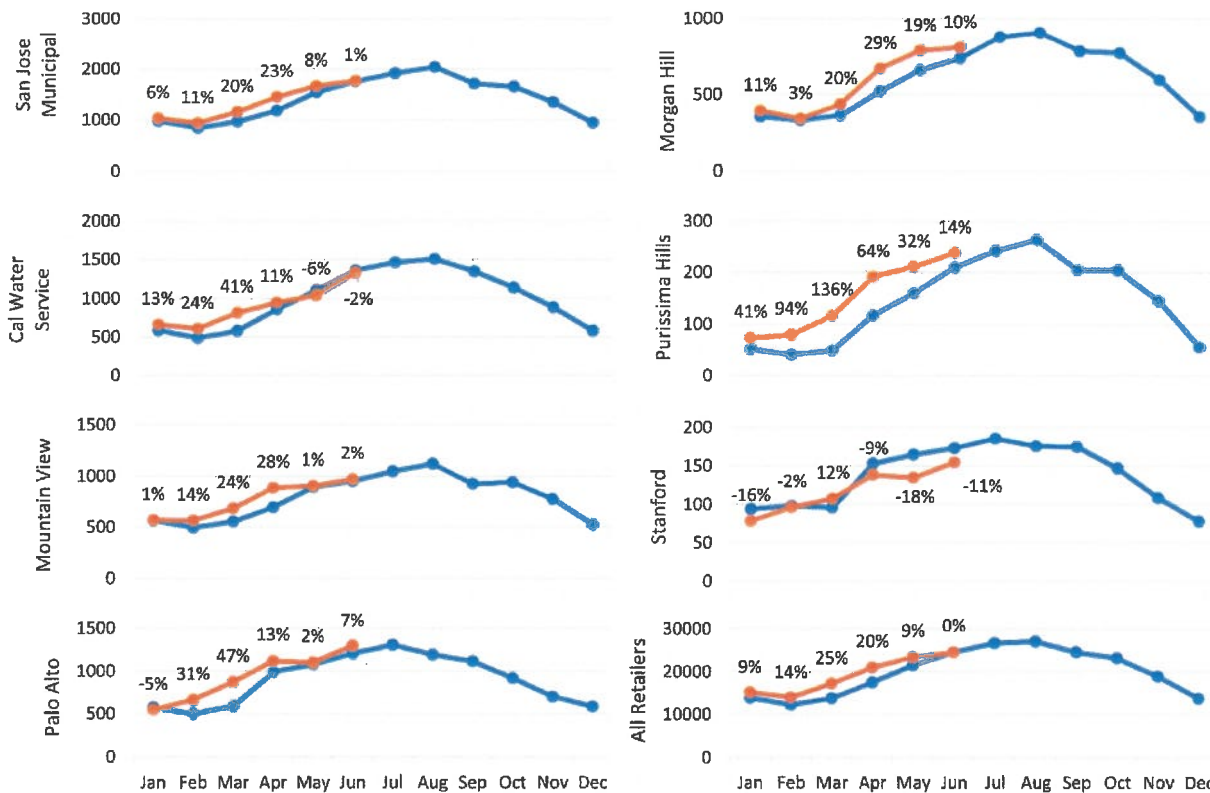
The percent increase (+) or percent decrease (-) in water use from 2019 to 2021 is shown for each month.



Monthly Water Use by Retailer in Acre-Feet (cont'd)

— 2019 — 2021

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Reported Water Used Per Person Per Day at Homes

Water Retailer	Residential Gallons Per Capita Day (R-GPCD)		
	May 2019	May 2021	Percent Change
San Jose Water Company	73	77	+ 5%
Santa Clara, City	60	76	+ 27%
Sunnyvale	69	83	+ 20%
San Jose Municipal Water	87	80	-8%
California Water Service	119	120	0%
Palo Alto	113	110	-2%
Great Oaks	73	79	+ 8%
Milpitas	39	49	+ 28%
Gilroy	81	-	-
Morgan Hill	92	110	+ 19%
R-GPCD data not available for Mountain View, Purissima Hills Water, and Stanford. Data sourced from the State Water Resources Control Board Urban Water Supplier Monthly Reports.			



Drought and Conservation Public Outreach

Summer campaign launched in July

Multilingual digital, print, TV, radio, social media and videos

Ads on KCBS, Telemundo and NBC Bay Area

Watersavings.org

BeHeard.ValleyWater.org

Education



valleywater.org



Imported Water

State Water Project: 5% (5 TAF 2021)

Central Valley Project: (~71.5 TAF 2021)

0% Agriculture

25% Municipal & Industrial*

*Conditionally approved and adjusted for Public Health & Safety

As of July 2021, staff has secured agreements for 59 TAF of transfer supplies, before considering conveyance losses.



Groundwater Conditions and Recharge

Groundwater Conditions

Groundwater levels and storage continue to decline

Risk of subsidence, wells going dry in 2022 without emergency imported water supplies, additional conservation

Managed Recharge

Scaled back since May 2021

May increase late summer
(depending on imported water supply)



Stevens Creek Reservoir



State and Federal Coordination

State Water Resources Control Board

U.S. Bureau of Reclamation

U.S. Congress



U.S. Capitol



California Capitol



Water Conservation Updates

Landscape Rebate
Shopping Cart Orders
Water Waste Reports
Staffing Increase



valleywater.org



Model Water Efficient New Development Ordinance (MWENDO)

- 2015 Santa Clara County Water Efficient New Development Task Force
- 2018 Technical assistance from Green Evolution
- 2019 MWENDO updated
- Now Valley Water engaging with jurisdictions to adopt and implement the ordinance

Flood-Managed Aquifer Recharge (Flood-MAR) Study

Expected completion Dec. 2022

Workshops

Spatial data collection