

Outlook as of June 1, 2019

We began calendar year 2019 with groundwater storage well within Stage 1 (Normal) of Valley Water’s Water Shortage Contingency Plan despite below-normal local rainfall and statewide snow pack in calendar year 2018. As of June 1, the statewide average snowpack water equivalent is well above normal and valley floor precipitation is also above normal. Countywide, groundwater storage remains healthy due to the wet winter and continued water use reduction by the community. In northern Santa Clara County, groundwater levels in many monitoring wells reached historic highs this spring and the basin is essentially full.

Weather

Rainfall in San Jose:

- Month of May, City of San Jose = 1.34 inches
- Rainfall year total = 15.67 inches or 110% of average to date (rainfall year is July 1 to June 30)

Local Reservoirs

- Total June 1 storage = 104,970 acre-feet
 - » 99% of 20-year average for that date
 - » 63% of total capacity
 - » 94% of restricted capacity (166,808 acre-feet total storage capacity limited by seismic restrictions to 111,963 acre-feet)
- Approximately 89.1 acre-feet of imported water delivered into local reservoirs during May 2019
- Total estimated releases to streams (local and imported water) during May was 7,420 acre-feet (based on preliminary hydrologic data)

Treated Water

- Below average demands of 9,450 acre-feet delivered in May
- This demand is 100% of the five-year average for the month of May
- Year-to-date deliveries = 30,745 acre-feet or 94% of the five-year average

Groundwater

- Groundwater conditions are very healthy, with total storage at the end of 2019 predicted to fall well within Stage 1 (Normal) of Valley Water’s Water Shortage Contingency Plan.

	Santa Clara Subbasin		Llagas Subbasin
	Santa Clara Plain	Coyote Valley	
May managed recharge estimate (AF)	4,500	1,300	2,900
January to May managed recharge estimate (AF)	16,300	5,200	8,800
January to May managed recharge, % of 5-year average	85%	135%	157%
April pumping estimate (AF)	4,200	900	2,800
January to April pumping estimate (AF)	12,900	2,700	10,400
January to April pumping, % of 5-year average	62%	91%	120%
GW index well level compared to last May	Increase	Increase	Increase

AF = acre-feet

Imported Water

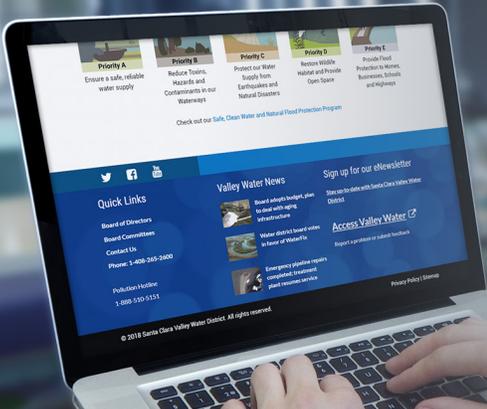
- As of June 3, 2019, the Statewide average snowpack water equivalent is 208% of the historic average for this date.
- 2019 State Water Project (SWP) and Central Valley Project (CVP) allocations:
 - » 2019 SWP allocation of 70%, which provides 70,000 acre-feet to Valley Water
 - » 2019 South-of-Delta CVP allocations are 95% for M&I and 70% for Agriculture, which provides 120,670 acre-feet to Valley Water
- Statewide reservoir storage information, as of June 2, 2019:
 - » Shasta Reservoir at 98% of capacity (115% of average for this date)
 - » Oroville Reservoir at 98% of capacity (116% of average for this date)
 - » San Luis Reservoir at 71% of capacity (91% of average for this date)
- Valley Water's Semitropic groundwater bank reserves are at 85% of capacity, or 297,482 acre-feet, as of April 30, 2019
- Estimated SFPUC deliveries to Santa Clara County:
 - » Month of April = 3,167 acre-feet
 - » 2019 Total to Date = 10,582 acre-feet
 - » Five-year annual average is 48,700 acre-feet
- Board Governance Policy No. EL-5.3.3 includes keeping the Board informed of imported water management activities on an ongoing basis. In calendar year 2019, two imported water management agreements were executed as of June 3, 2019

Conserved Water

- Saved 75,687 acre-feet in FY18 from long-term program (baseline year is 1992)
- Long-term program goal is to save nearly 100,000 acre-feet by 2030
- The Board continues its call for a 20% reduction and a limit of three days per week for irrigation of ornamental landscape with potable water
- Achieved a 25% reduction in water use in calendar year 2019, compared to 2013 (through April)

Recycled Water

- Estimated May 2019 production = 1,800 acre-feet
- Estimated Year-to-Date through May = 5,500 acre-feet or 90% of the five-year average
- Silicon Valley Advanced Water Purification Center produced an estimated 1.3 billion gallons (4,100 acre-feet) of purified water in 2018. Since the beginning of 2019, about 1,370 acre-feet of purified water has been produced. The purified water is blended with existing tertiary recycled water for South Bay Water Recycling Program's customers



CONTACT US

For more information, contact **Customer Relations** at **(408) 630-2880**, or visit our website at valleywater.org and use our **Access Valley Water** customer request and information system. With three easy steps, you can use this service to find out the latest information on district projects or to submit questions, complaints or compliments directly to a district staff person.

Follow us on:

-  /scvwd
-  /valleywater
-  /valleywater



To get eNews, drop an email to: info@valleywater.org

© 2019 Santa Clara Valley Water District. All rights reserved.