

A monthly assessment of trends in water supply and use for Santa Clara County, California

Outlook as of June 1, 2018

We began calendar year 2018 with groundwater storage well within Stage 1 (Normal) of the District’s Water Shortage Contingency Plan. This year’s precipitation is 60% of average to-date at the San Jose Index Station and below average for the Santa Cruz Mountains, South County, and the Diablo Range. The snow water equivalent for the Northern Sierra is 9% of normal for this date.

Despite below normal local rainfall and below normal statewide snow pack, end of year groundwater storage for 2018 is projected to be well within Stage 1 (Normal) due to carryover supplies from a wet 2017.

Weather

Rainfall in San Jose

- Month of May, City of San Jose = 0.0 inches
- Rainfall year total = 8.5 inches or 60% of average to date (rainfall year is July 1 to June 30)
- May 31 Northern Sierra snowpack was 9% of normal for this date

Local Reservoirs

- Total June 1 storage = 79,652 acre-feet
 - » 74% of 20-year average for that date
 - » 47% of total capacity
 - » 70% of restricted capacity (169,009 acre-feet total storage capacity limited by seismic restrictions to 113,667 acre-feet)
- Approximately 7,800 acre-feet of imported water was delivered into local reservoirs during May 2018
- Total estimated releases to streams (local and imported water) during May was 8,200 acre-feet

Groundwater

- Groundwater (GW) Storage: Total storage at the end of 2018 is predicted to fall within Stage 1 (Normal) of the District’s Water Shortage Contingency Plan.

	Santa Clara Subbasin		Llagas Subbasin
	Santa Clara Plain	Coyote Valley	
May managed recharge estimate (AF)	5,800	900	2,000
January to May managed recharge estimate (AF)	31,000	4,400	8,400
January to May managed recharge, % of 5-year average	180%	117%	153%
April pumping estimate (AF)	6,800	1,000	2,600
January to April pumping estimate (AF)	20,200	3,300	10,000
January to April pumping, % of 5-year average	93%	114%	114%
GW index well level compared to last May	Increase	Decrease	Decrease

AF = acre-feet

Imported Water

- 2018 State Water Project (SWP) and Central Valley Project (CVP) allocations:
 - » 2018 SWP allocation of 35%, providing 35,000 AF to the District
 - » 2018 South-of-Delta CVP allocations:
 - The M&I allocation is currently 75% and the Agricultural allocation is 45%, which provides 112,395 AF to the District
- State-wide reservoir storage information, as of June 1, 2018:
 - » Shasta Reservoir at 87% of capacity (101% of average for this date)
 - » Oroville Reservoir at 68% of capacity (81% of average for this date)
 - » San Luis Reservoir at 75% of capacity (94% of average for this date)
- District's Semitropic groundwater bank reserves are 256,725 acre-feet as of April 30, 2018
- Estimated SFPUC deliveries to Santa Clara County:
 - » Projected month of March = 2,857 acre-feet
 - » 2018 Total to Date = 11,595 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 FY 2018, one imported water management agreement was executed as of June 1, 2018.

Treated Water

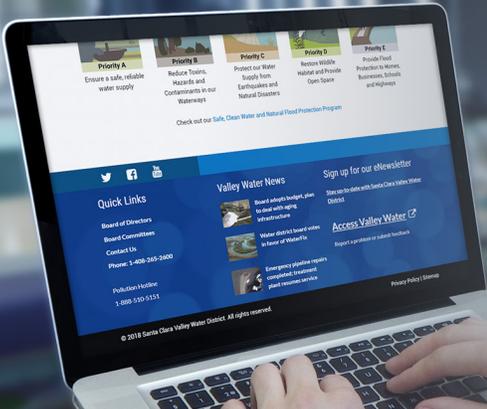
- Above average demands of 10,358 acre-feet delivered in May
- This total is 102% of the five-year average for the month of May
- Year-to-date deliveries = 34,493 acre-feet or 99% of the five-year average

Conserved Water

- Saved 72,000 acre-feet in FY17 from long-term program (baseline year is 1992)
- Long-term program goal is to save nearly 75,000 acre-feet in FY18
- The Board has called for a 20% reduction and a limit of three days per week for irrigation of ornamental landscape with potable water
- Achieved a 21% reduction in water use through the first four months of 2018, compared to 2013

Recycled Water

- Estimated May 2018 production = 1,600 acre-feet
- Estimated Year-to-Date through May = 4,500 acre-feet or 70% of the five-year average
- Silicon Valley Advanced Water Purification Center produced an estimated 1.3 billion gallons (4,000 acre-feet) of purified water in 2017. Since the beginning of 2018, about 1,600 acre-feet of purified water has been 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](https://www.facebook.com/scvwd) [/valleywater](https://twitter.com/valleywater) [/valleywater](https://www.youtube.com/valleywater)

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

© 2018 Santa Clara Valley Water District. All rights reserved. Privacy Policy | Contact Us