

Outlook as of June 1, 2020

We began calendar year 2020 with groundwater storage well within Stage 1 (Normal) of the Water Shortage Contingency Plan of Valley Water. Despite well below-normal local rainfall and statewide snow pack, end of year groundwater storage for 2020 is projected to be well within Stage 1.

Weather

Rainfall in San Jose:

- Month of May, City of San Jose = 0.12 inch
- Rainfall year total = 8.82 inches or 62% of average to date (rainfall year is July 1 to June 30)
- June 1 Northern Sierra snowpack was 9% of normal for this date

Local Reservoirs

- Total June 1 storage = 64,227 acre-feet
 - » 63% of 20-year average for that date
 - » 39% of total unrestricted capacity
 - » 58% of restricted capacity (166,266 acre-feet total storage capacity limited by seismic restrictions to 111,421 acre-feet)
- Approximately 698.1 acre-feet of imported water delivered into local reservoirs during May 2020
- Total estimated releases to streams (local and imported water) during May was 7,320 acre-feet (based on preliminary hydrologic data)

Treated Water

- Average demands of 9,600 acre-feet delivered in May
- This total is 100% of the five-year average for the month of May
- Year-to-date deliveries = 32,040 acre-feet or 100% of the five-year average

Groundwater

- Groundwater conditions are good. Total storage at the end of 2020 is projected to be in 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)	3,900	1,100	1,700
January to May managed recharge estimate (AF)	18,200	4,700	6,400
January to May managed recharge, % of 5-year average	93%	76%	98%
April pumping estimate (AF)	6,000	800	2,700
January to April pumping estimate (AF)	22,200	2,800	10,300
January to April pumping, % of 5-year average	128%	94%	127%
Current index groundwater levels compared to last May	Lower	Lower	Lower

AF = acre-feet

Imported Water

- As of June 1, 2020, the Statewide Average snowpack water equivalent is 5% of the historic average for this date
- Current 2020 State Water Project (SWP) and Central Valley Project (CVP) allocations:
 - » 2020 SWP allocation of 20%, which provides 20,000 acre-feet to Valley Water
 - » 2020 South-of-Delta CVP allocations are 70% for M&I and 20% for Agriculture, which provide 97,620 acre-feet to Valley Water
- Statewide reservoir storage information, as of June 1, 2020:
 - » Shasta Reservoir at 77% of capacity (90% of average for this date)
 - » Oroville Reservoir at 68% of capacity (81% of average for this date)
 - » San Luis Reservoir at 63% of capacity (80% of average for this date)
- Valley Water's Semitropic groundwater bank reserves are at 100% of capacity, or 349,970 acre-feet, as of April 30, 2020
- Estimated SFPUC deliveries to Santa Clara County:
 - » Month of April = 3,453 acre-feet
 - » 2020 total to date = 12,820 acre-feet
 - » Five-year annual average = 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. No imported water agreements were executed under EL-5.3.3 since the last Water Tracker update

Conserved Water

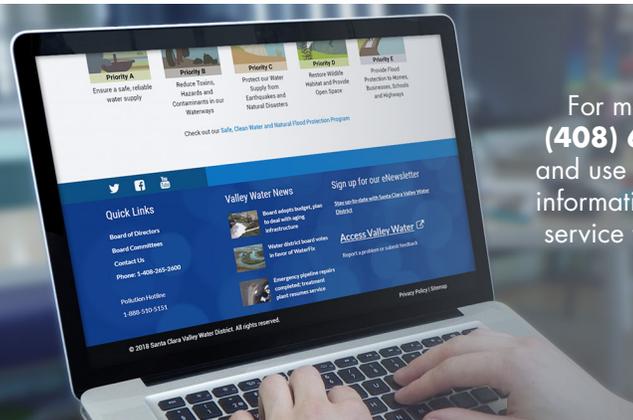
- Saved 73,531 acre-feet in FY19 from long-term program (baseline year is 1992). This will be updated in July for FY20
- Long-term program goal is to save nearly 100,000 acre-feet by 2030 and 110,000 acre-feet by 2040
- The Board continues its call for a 20% reduction and a limit of three days per week for irrigation of ornamental landscape with potable water
- Through April, achieved a 14% reduction in water use in calendar year 2020, compared to 2013

Recycled Water

- Estimated May 2020 production = 900 acre-feet
- Estimated year-to-date through May = 3,800 acre-feet or 75% of the five-year average
- Silicon Valley Advanced Water Purification Center produced an estimated 1.5 billion gallons (4,570 acre-feet) of purified water in 2019. Since the beginning of 2020, about 1,290 acre-feet of purified water has been produced. The purified water is blended with existing tertiary recycled water for South Bay Water Recycling Program customers

Alternative Sources

- As of December 10, 2019, Valley Water's wastewater contract right from Palo Alto/Mountain View remains at 10,000 acre-feet/year



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.





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