

Outlook as of July 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 June, City of San Jose = 0.00 inch
- Rainfall year total = 8.82 inches or 62% of average to date (rainfall year is July 1 to June 30)
- Month of June, San Jose average daily high temperature = 82.8 degrees Fahrenheit

Local Reservoirs

- Total July 1 storage = 61,462 acre-feet
 - » 63% of 20-year average for that date
 - » 37% of total unrestricted capacity
 - » 55% of restricted capacity (166,266 acre-feet total storage capacity limited by seismic restrictions to 111,421 acre-feet)
- Approximately 716.6 acre-feet of imported water delivered into local reservoirs during June 2020
- Total estimated releases to streams (local and imported water) during June was 6,650 acre-feet (based on preliminary hydrologic data)

Treated Water

- Above average demands of 11,285 acre-feet delivered in June
- This total is 103% of the five-year average for the month of June
- Year-to-date deliveries = 43,343 acre-feet or 101% 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	
June managed recharge estimate (AF)	4,100	1,200	2,550
January to June managed recharge estimate (AF)	22,300	5,950	8,950
January to June managed recharge, % of 5-year average	87%	81%	103%
May pumping estimate (AF)	7,750	1,200	2,900
January to May pumping estimate (AF)	29,500	4,200	13,000
January to May pumping, % of 5-year average	133%	105%	112%
Current index groundwater levels compared to last June	Lower	Lower	Lower

AF = acre-feet

Imported Water

- 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 July 1, 2020:
 - » Shasta Reservoir at 69% of capacity (86% of average for this date)
 - » Oroville Reservoir at 61% of capacity (75% of average for this date)
 - » San Luis Reservoir at 52% of capacity (83% of average for this date)
- Valley Water's Semitropic groundwater bank reserves are at 99% of capacity, or 347,757 acre-feet, as of May 31, 2020
- Estimated SFPUC deliveries to Santa Clara County:
 - » Month of May = 3,594 acre-feet
 - » 2020 total to date = 13,670 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 May, achieved a 17% reduction in water use in calendar year 2020, compared to 2013

Recycled Water

- Estimated June 2020 production = 2,090 acre-feet
- Estimated year-to-date through June = 7,940 acre-feet or 119% 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 1,810 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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