

## Outlook as of March 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 February, City of San Jose = 0.04 inch
- Rainfall year total = 5.20 inches or 50% of average to date (rainfall year is July 1 to June 30)
- March 2 Northern Sierra snowpack was 47% of normal for this date

### Local Reservoirs

- Total March 1 storage = 54,656 acre-feet
  - » 57% of 20-year average for that date
  - » 33% of total unrestricted capacity
  - » 49% of restricted capacity (166,266 acre-feet total storage capacity limited by seismic restrictions to 111,421 acre-feet)
- No imported water delivered into local reservoirs during February 2020
- Total estimated releases to streams (local and imported water) during February was 4,150 acre-feet (based on preliminary hydrologic data)

### Treated Water

- Above average demands of 5,898 acre-feet delivered in February
- This total is 119% of the five-year average for the month of February
- Year-to-date deliveries = 10,730 acre-feet or 102% of the five-year average

### Groundwater

- Groundwater conditions are very healthy, with total storage at the end of 2020 in Stage 1 (Normal) of Valley Water’s Water Shortage Contingency Plan.

	Santa Clara Subbasin		Llagas Subbasin
	Santa Clara Plain	Coyote Valley	
February managed recharge estimate (AF)	3,250	900	900
January to February managed recharge estimate (AF)	7,000	1,950	2,200
January to February managed recharge, % of 5-year average	117%	102%	125%
January pumping estimate (AF)	3,000	500	2,300
January pumping, % of 5-year average	69%	72%	123%
GW index well level compared to last February	Lower	Lower	Higher

AF = acre-feet

## Imported Water

- As of March 2, 2020, the Statewide Average snowpack water equivalent is 44% of the historic average for this date
- Current 2020 State Water Project (SWP) and Central Valley Project (CVP) allocations:
  - » 2020 SWP allocation of 15%, which provides 15,000 acre-feet to Valley Water
  - » 2020 South-of-Delta CVP allocations are 65% for M&I and 15% for Agriculture, which provide 89,465 acre-feet to Valley Water
- Statewide reservoir storage information, as of March 2, 2020:
  - » Shasta Reservoir at 78% of capacity (106% of average for this date)
  - » Oroville Reservoir at 64% of capacity (91% of average for this date)
  - » San Luis Reservoir at 69% of capacity (81% of average for this date)
- Valley Water's Semitropic groundwater bank reserves are at 100% of capacity, or 349,970 acre-feet, as of January 31, 2020
- Estimated SFPUC deliveries to Santa Clara County:
  - » Month of January = 2,745 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. No imported water agreements were executed under EL-5.3.3 in February 2020

## Conserved Water

- Saved 73,531 acre-feet in FY19 from long-term program (baseline year is 1992). This will be updated in 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
- In January, achieved a 10% reduction in water use in calendar year 2020, compared to 2013

## Recycled Water

- Estimated February 2020 production = 590 acre-feet
- Estimated year-to-date through February = 1,260 acre-feet or 73% 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 292 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](http://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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