

## Outlook as of April 1, 2021

Groundwater storage is within Stage 1 (Normal) of the Water Shortage Contingency Plan of Valley Water. Despite well below-normal local rainfall and statewide snow pack for this season, end of year groundwater storage for 2021 is projected to remain in the lower part of Stage 1 by supplementing our normal supplies with additional imported water. Anderson Reservoir storage has been at deadpool since December 2020 in compliance with the Federal Energy Regulatory Commission (FERC) order. Water released from Anderson Reservoir this winter went to beneficial use. The Central Pipeline came back to service in early April following a three-month shutdown for a planned inspection and rehabilitation project.

### Weather

Rainfall in San José:

- Month of March, City of San José = 1.18 inches
- Rainfall year total = 5.79 inches or 46% of average to date (rainfall year is July 1 to June 30)

Snowfall in the Northern Sierra:

- April 1 snowpack was 66% of normal for this date and 66% of April 1 average

### Local Reservoirs

- Total April 1 storage = 27,735 acre-feet
  - » 26% of 20-year average for that date
  - » 17% of total unrestricted capacity
  - » 44% of restricted capacity (166,140 acre-feet total storage capacity limited by seismic restrictions to 62,362 acre-feet. The restricted capacity includes the added FERC dam safety restriction on Anderson Reservoir effective October 1, 2020)
- Approximately 535 acre-feet of imported water delivered into Calero Reservoir during March 2021.
- Approximately 310 acre-feet of water released from Anderson Reservoir during March 2021. Since the FERC order to drawdown Anderson Reservoir was issued on February 20, 2020, cumulative release from Anderson is approximately 29,650 acre-feet. Anderson has reached deadpool. Majority of released water was used for groundwater recharge and delivery to water treatment plants (based on preliminary hydrologic data). Current releases are for water supply and environmental purposes
- Total estimated releases to streams (local and imported water) during March was 4,250 acre-feet (based on preliminary hydrologic data)

### Groundwater

- Current groundwater conditions are in the normal range, but water levels and storage have declined because of recent dry conditions. Total storage at the end of 2021 is projected to be in the lower part of Stage 1 (Normal) of Valley Water's Water Shortage Contingency Plan

	Santa Clara Subbasin		Llagas Subbasin
	Santa Clara Plain	Coyote Valley	
March managed recharge estimate (AF)	3,700	1,000	1,400
January to March managed recharge estimate (AF)	10,600	3,000	3,700
January to March managed recharge, % of 5-year average	96%	74%	111%
February pumping estimate (AF)	4,900	580	2,000
January to February pumping estimate (AF)	10,250	1,150	4,000
January to February pumping, % of 5-year average	129%	83%	120%
Current index groundwater levels compared to 5-year average	Lower	Lower	Lower

AF = acre-feet

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## Imported Water

- Initial 2021 State Water Project (SWP) and Central Valley Project (CVP) allocations:
  - » 2021 SWP allocation of 5%, which provides 5,000 acre-feet to Valley Water
  - » 2021 South-of-Delta CVP allocations are 55% for M&I and 5% for Agriculture, which provides 73,155 acre-feet to Valley Water. The U.S. Bureau of Reclamation announced that the Agricultural water service contractors South-of-Delta allocation is not available for delivery until further notice
- Statewide reservoir storage information, as of April 4, 2021:
  - » Shasta Reservoir at 53% of capacity (64% of average for this date)
  - » Oroville Reservoir at 41% of capacity (54% of average for this date)
  - » San Luis Reservoir at 54% of capacity (60% of average for this date)
- Valley Water's Semitropic groundwater bank reserves are at 95% of capacity, or 332,688 acre-feet, as of February 28, 2021
- Estimated SFPUC deliveries to Santa Clara County:
  - » Month of February = 2,915 acre-feet
  - » 2021 Total to Date: 5,818 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. Three imported water agreements were executed under EL-5.3.3 since the last Water Tracker update

## Treated Water

- Above average demands of 6,252 acre-feet delivered in March
- This total is 119% of the five-year average for the month of March
- Year-to-date deliveries are 16,698 acre-feet or 105% of the five-year average

## Conserved Water

- Saved 74,198 acre-feet in FY20 from long-term program (baseline year is 1992)
- 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 February, achieved a 9% reduction in water use in calendar year 2021, compared to 2013

## Recycled Water

- Estimated March 2021 production = 800 acre-feet
- Estimated year-to-date through March = 2,270 acre-feet or 98% of the five-year average
- Silicon Valley Advanced Water Purification Center produced an estimated 1.6 billion gallons (4,864 acre-feet) of purified water in 2020. Since the beginning of 2021, about 670 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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