Storm Report
Mar. 10 – Apr. 27, 2020

Valley Water

Rainfall

RAINFALL IN INCHES AS OF APRIL 27, 2020

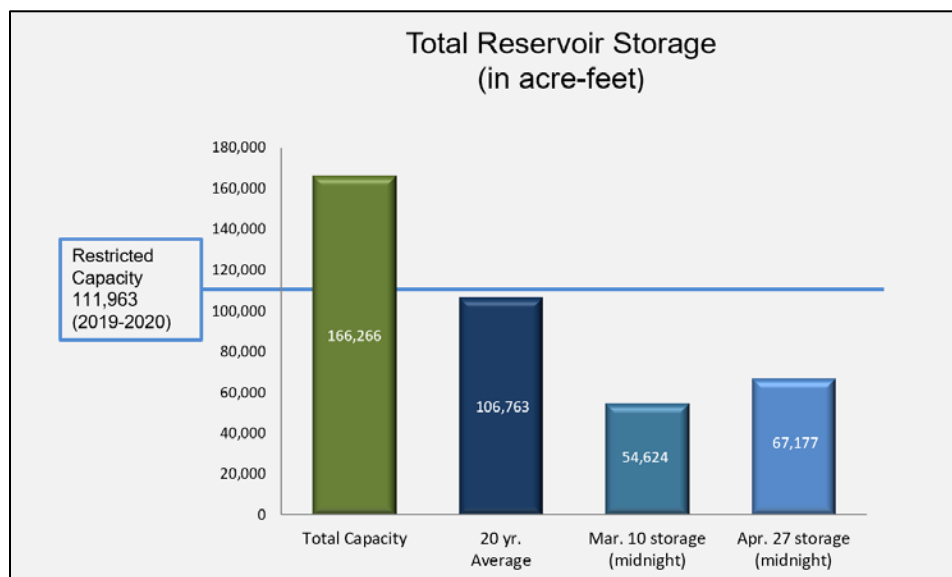| COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 3/10/20–4/27/20 (inches)	SEASON [i] TO DATE 4/27/20 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
WEST **(Valley Christian)**	8.43	25.20	42.37	59%	43.76
CENTRAL **(San Jose)**	3.39	8.70	13.64	64%	14.35
NORTH EAST **(Penitencia)**	4.13	11.02	14.54	76%	15.29
SOUTH **(Coyote Reservoir)**	5.91	14.61	19.75	74%	20.56

Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

Reservoir Levels

- Shasta Reservoir storage was at 118% of historical average for Apr. 26, 2020, and Lake Oroville was at 100%.
- Estimated inflow into local reservoirs was approximately 17,940 acre-feet between Mar. 9 and Apr. 26, 2020.
- Total local reservoir storage on Apr. 27 was about 40% of total unrestricted capacity and 63% of normal when compared to the 20-year average for this date.

Raw Water Operations

- Anderson Reservoir was below the interim Division of Safety of Dams (DSOD) restricted level and was below the combined Anderson-Coyote Flood Risk-Reduction Rule Curve.
- Coyote Reservoir was below the permanent DSOD restricted level.
- Almaden, Calero, and Guadalupe Reservoirs were below interim DSOD restricted levels.
- No transfers were made from Almaden Reservoir to Calero Reservoir through the Almaden-Calero Canal during this period.
- Percolation ponds were mostly offline due to a reduced recharge program.

Total Reservoir Storage (in acre-feet)

Restricted Capacity 111,963 (2019-2020)

Total Capacity: 166,266
20 yr. Average: 106,763
Mar. 10 storage (midnight): 54,624
Apr. 27 storage (midnight): 67,177

Pre-storm Preparations

Field crews inspected trouble spots where trash and debris are known to accumulate and cleared trash and debris as necessary.

Communications

A blog highlighting the water supply outlook for spring and summer was published on the Valley Water News website. The blog focused on the series of storms in March and early April that soaked the region with beneficial rainfall and delivered several feet of snow across the Sierra Nevada. The blog touched on reservoir levels, groundwater levels, imported water, and recycled water, and the Anderson Dam Seismic Retrofit Project.

Flood Management Operations

The Emergency Services and Security Unit (ESSU) communicates with the Santa Clara County Operational Area as appropriate during inclement weather time periods. ESSU also continues to work closely with the appropriate Valley Water functions to continuously monitor potential flooding scenarios from our streams/reservoirs.

This information is based on first-hand accounts from Santa Clara Valley Water District (Valley Water) staff and other monitoring sources between Mar. 10 and Apr. 27, 2020. As more information is gathered, some of the information reported here may change.

Flooding

There was no flooding from Valley Water streams.

Fallen Trees and Debris Removal

Crews cleared debris from pier noses, trash racks and hot spot areas throughout the county before, during, and after each storm event. There was no unusual debris or fallen trees during this period.

Field Information Team (FIT)

Based on antecedent conditions and forecast rainfall amounts, no FITs were placed on standby or mobilized.

Sandbags

Valley Water maintained sandbag sites throughout the county. Due to low demand, no sandbag deliveries were made during this time frame. Sites were inspected in preparation for precipitation on April 6, 2020. This years' sandbag season has ended, and sites will begin to be cleaned.

Current stocking levels at various sites are: San José (Phelan): 300 filled bags; Morgan Hill: 3,000 filled bags; Palo Alto: 2,000 filled bags; Alviso: 3,300 filled bags; and Winfield Yard: 1,700 filled bags available to the public and 12,000 in stock.

For questions, contact Melanie Richardson, Chief Operating Officer Watersheds at (408) 630-2035 or Nina Hawk, Chief Operating Officer Water Utility at (408) 630-2736.

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[i] Rainfall season extends from July 1 to June 30 of the following year.