

Storm Report

Nov. 26 – Dec. 9, 2019



Rainfall and Reservoir Levels

RAINFALL IN INCHES AS OF DECEMBER 9, 2019

COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 11/26/19–12/09/19 (inches)	SEASON ¹ TO DATE 12/09/19 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
WEST (Valley Christian)	10.51	10.63	9.68	110%	43.76
CENTRAL (San Jose)	2.99	3.23	3.21	101%	14.35
NORTH EAST (Penitencia)	3.63	4.02	3.51	114%	15.29
SOUTH (Coyote Reservoir)	5.75	5.87	4.38	134%	20.56

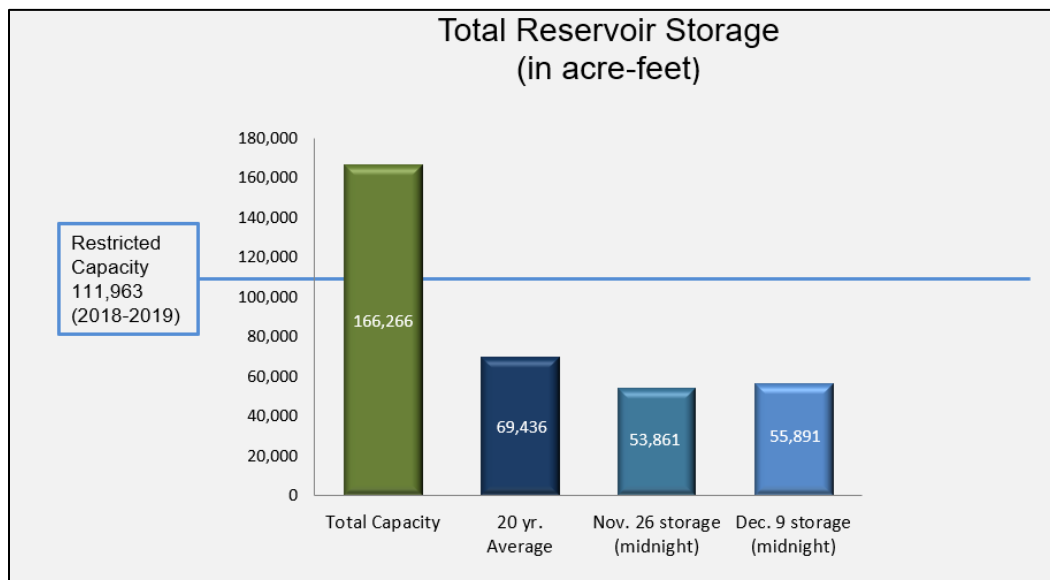
Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

More About Reservoir Levels

- Recent storms generated runoff into the major federal and state reservoirs. Shasta Reservoir was at 119% of historical average for Dec 8, 2019, and Lake Oroville was at 92%.
- Estimated inflow into local reservoirs was approximately 4,020 acre-feet between Nov. 26 and Dec. 8, 2019.
- Total reservoir storage on Dec. 9 was about 34% of total capacity and 81% of normal when compared to the 20-year average for this date.

Raw and Treated Water Operations

- Anderson Reservoir was below the interim Division of Safety of Dams (DSOD) restricted level and was above the combined Anderson-Coyote Flood Risk-Reduction Rule Curve.
- Coyote Reservoir was below the permanent DSOD restricted level.
- No transfers were made from Almaden Reservoir to Calero Reservoir through the Almaden-Calero Canal during this period.



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

Raw and Treated Water Operations

- Supplies to treatment plants continued with imported water (SBA) because the Cross Valley Pipeline was offline for maintenance. All three water treatment plants were operational during this period.
- Percolation ponds were mostly offline due to reduced supplies for the recharge program.

Pre-storm Preparations

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

Communications



- Our annual flood awareness campaign has begun with GET FLOOD READY posts on social media and valleywater.org.
- During this period, staff posted social media messages on Chair Linda LeZotte's statement on the first storms of the season, GET FLOOD READY tips, and how Valley Water crews are clearing waterways.
- On Dec. 5, NBC Bay Area aired a story on reservoir levels after the recent rain.
- On Dec. 6, Valley Water staff was interviewed by Telemundo on storm preparations.

Flood Management Operations

The Emergency Services and Security Unit (ESSU) communicated with the Santa Clara County Operational Area on multiple conference calls to discuss the inclement weather conditions over the past few weeks. ESSU also continues to work closely with the appropriate Valley Water functions to continuously monitor potential flooding scenarios from our streams/reservoirs. No flooding concerns arose during the most recent set of storms.

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 high demand, 3,200 sandbags were delivered to the Morgan Hill site on Nov. 30 and again on December 3.

Also, on December 3:

- 1,600 sandbags delivered to Palo Alto.
- 1,600 sandbags delivered to Phelan.
- 1,600 sandbags delivered to Alviso.

Current stocking levels at various sites are: San José (Phelan) – 4,200 filled bags; Morgan Hill – 5,400 filled bags; Palo Alto – 4,300 filled bags; Alviso – 4,400 filled bags; and Winfield Yard – 25,000 filled bags in stock, with 1,500 filled bags available to the public.

This information is based on first-hand accounts from Santa Clara Valley Water District (Valley Water) staff and other monitoring sources between Nov. 26 and Dec. 9, 2019. As more information is gathered, some of the information reported here may change.

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.