

Revised

Storm Report

Feb. 26–March 11, 2019



Rainfall and Reservoir Levels

RAINFALL IN INCHES AS OF MARCH 11, 2019

COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 02/25/19–03/11/19 (inches)	SEASON ¹ TO DATE 03/11/19 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
WEST (Valley Christian)	9.64	55.35	35.33	157%	43.76
CENTRAL (San Jose)	1.77	12.83	11.12	115%	14.35
NORTH EAST (Penitencia)	2.01	14.84	11.88	125%	15.29
SOUTH (Coyote Reservoir)	3.19	25.00	16.24	154%	20.56

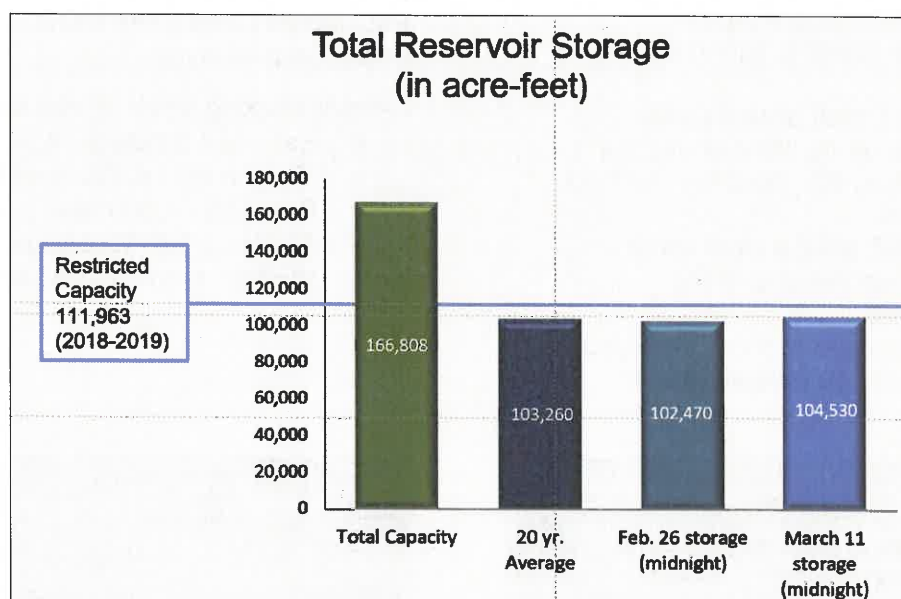
Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

More About Reservoir Levels

- Recent storms generated runoff into the major federal and state reservoirs. Shasta Reservoir was at 116% of historical average for March 10, 2019, and Lake Oroville was at 101%.
- Estimated inflow into local reservoirs was approximately 58,000 acre-feet between Feb. 26 and March 11, 2019.
- Total reservoir storage on March 11 was about 63% of total capacity and 101% 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 but above the combined Anderson-Coyote Rule Curve during the Feb. 26 to March 10 period. Releases continue at the outlet capacity. By March 11, the reservoir level was below the rule curve.
- Coyote Reservoir was above the permanent DSOD restricted level and releases were made at the outlet capacity.



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

Raw and Treated Water Operations

- Transfers were made from Almaden Reservoir to Calero Reservoir through the Almaden-Calero Canal during this period.
- Lexington Reservoir was reduced to 73% of capacity to help Lower Guadalupe River carry storm flows safely. This is because a portion of the Lower Guadalupe Flood Protection Project, while still providing flood protection, does not do so at the level originally intended. With no rain forecast in the coming weeks, the water level is being brought back and is currently at 80% of capacity.
- Supplies to treatment plants continued with imported water and local reservoir (Calero). All three water treatment plants were operational during this period.
- Percolation ponds were mostly offline due to removal of instream diversions and 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 is in full force with ads on social media, newspapers, bus shelters, light rail trains and radio.
- During this period, staff posted social media messages on our flood protection resources, sandbag info, flood tips, and our Flood Watch Tool.
- On Feb. 26, KCBS aired a story about Anderson and Uvas reservoirs and potential flood risks.
- One Feb. 27, a statement from Chair Linda J. LeZotte on storm preparedness was distributed.

This information is based on first-hand accounts from Santa Clara Valley Water District (Valley Water) staff and other monitoring sources between Feb. 26 and March. 11, 2019. As more information is gathered, some of the information reported here may change.

Flood Management Operations

Valley Water continues to communicate and coordinate with jurisdictions and external stakeholders regarding incoming storms and potential impact on our streams and reservoirs.

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 to prepare for storm events. There was no unusual debris or fallen trees during this period.

Field Information Team (FIT)

As a precautionary measure, a FIT was deployed on Feb. 26 night to monitor water levels at Sunnyvale East Channel in Sunnyvale and Upper Adobe Creek in Palo Alto and Los Altos.

Sandbags

Valley Water maintained sandbag sites throughout the county. Due to high demand, Valley Water delivered additional 1,600 sandbags to Morgan Hill site and 1,400 sandbags to Phelan site on March 4.

At the request of Valley Water, San José City picked up sandbags and delivered those to the Paul Moore Community Center in the Ross Creek neighborhood.

Current stocking levels at various sites are:

- San José (Phelan) - 4,200 filled bags;
- Morgan Hill - 4,700 filled bags;
- Palo Alto - 2,300 filled bags;
- Alviso - 3,500 filled bags; and
- Winfield Yard - 1,200 filled bags.

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.