

Storm Report

Feb. 11 – Feb. 24, 2020



Rainfall

RAINFALL IN INCHES AS OF FEBRUARY 24, 2020

COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 2/11/20–2/24/20 (inches)	SEASON ¹ TO DATE 2/24/20 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
WEST (Valley Christian)	0.00	16.54	31.53	52%	43.76
CENTRAL (San Jose)	0.00	5.16	9.92	52%	14.35
NORTH EAST (Penitencia)	0.00	6.69	10.60	63%	15.29
SOUTH (Coyote Reservoir)	0.00	8.66	14.52	60%	20.56

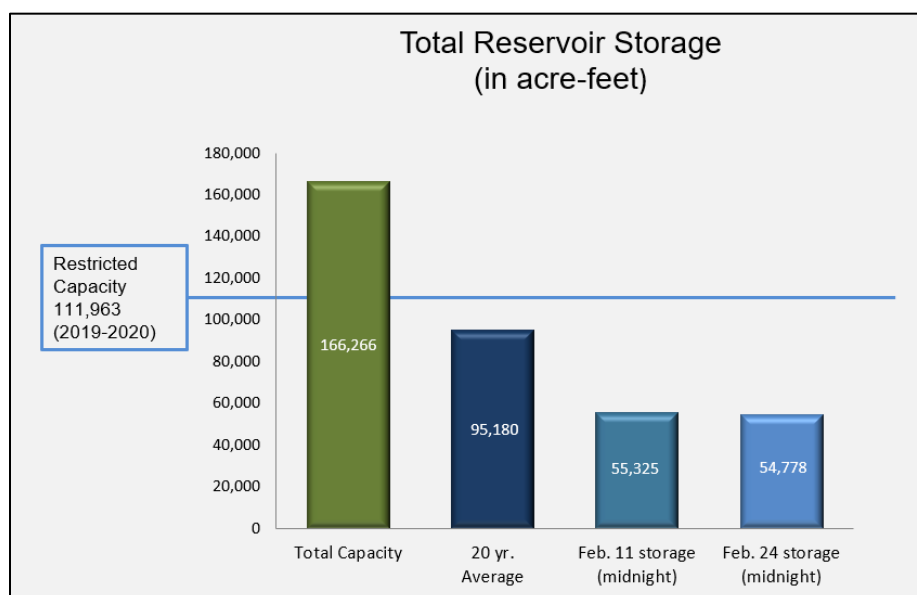
Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

Reservoir Levels

- Shasta Reservoir storage was at 108% of historical average for Feb 23, 2020, and Lake Oroville was at 92%.
- Estimated inflow into local reservoirs was approximately 560 acre-feet between Feb. 10 and Feb. 24, 2020.
- Total local reservoir storage on Feb. 24 was about 33% of total unrestricted capacity and 58% 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.
- 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.



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

Pre-storm Preparations

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

Communications



- Valley Water's annual flood awareness campaign continues with GET FLOOD READY messages on radio, billboards, transit shelters, online, social media and valleywater.org.
- Staff responded to multiple media requests from NBC Bay Area, Telemundo, ABC7 News, KPIX and KTVU between Feb. 11-24 related to the lack of rain in February and its impact on water storage in Santa Clara County.
- On Feb. 13, staff presented at the McKinley Neighborhood Association, providing Get Flood Ready information in Spanish as part of the ongoing outreach to targeted "hot spots," places known to be potentially vulnerable to flooding.

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 Feb. 11 and Feb. 24, 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 and no forecast for rain, no sandbag deliveries were made during this time frame.

Current stocking levels at various sites are:
San José (Phelan) – 3,200 filled bags;
Morgan Hill – 3,700 filled bags; Palo Alto – 2,800 filled bags; Alviso – 3,400 filled bags; and Winfield Yard – 2,000 filled bags available to the public and 17,000 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.