

Storm Report

Feb. 12–Feb. 25, 2019



Rainfall and Reservoir Levels

RAINFALL IN INCHES AS OF FEBRUARY 25, 2019

COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 02/12/19–02/25/19 (Inches)	SEASON ¹ TO DATE 02/25/19 (Inches)	SEASONAL AVG TO DATE (Inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (Inches)
WEST (Valley Christian)	9.25	45.71	31.84	144%	43.76
CENTRAL (San Jose)	2.28	11.06	10.01	111%	14.35
NORTH EAST (Penitencia)	2.12	12.83	10.70	120%	15.29
SOUTH (Coyote Reservoir)	3.27	21.81	14.66	149%	20.56

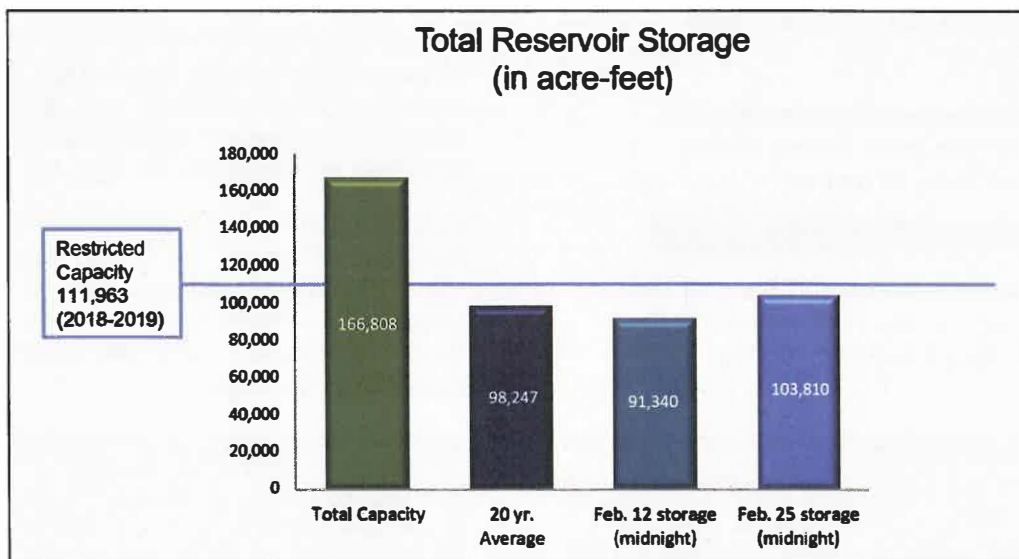
Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

More About Reservoir Levels

- Recent storms generated runoff into the major federal and state reservoirs. Shasta Reservoir was at 106% of historical average for Feb. 24, 2019, and Lake Oroville was at 80%.
- Estimated inflow into local reservoirs was approximately 85,000 acre-feet between Feb. 12 and Feb. 25, 2019.
- Total reservoir storage on Feb. 25 was about 62% of total capacity and 105% 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. Releases were made at the outlet capacity.
- Coyote Reservoir was above the permanent DSOD restricted level, and releases were made at the outlet capacity.
- Transfers were not 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 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



- On Feb. 13, a statement from Chair Linda LeZotte on storm preparedness was distributed.
- Before and during this period's atmospheric river storms, staff posted messages on social media on the National Weather Service's flood warnings, sandbag locations, atmospheric rivers, flood preparedness tips, creek levels, and our EOC status.
- Valley Water's efforts were covered by KCBS, ABC7, Mercury News, Telemundo-48, NBC Bay Area, KTVU and the San Francisco Chronicle.
- Our annual flood awareness campaign is in full force with ads on social media, newspapers, bus shelters, light rail trains and radio.
- Staff participated in the Valley Water's Emergency Operation Center (EOC) activation of Feb. 13 and 14.

Flood Management Operations

The Emergency Services and Security Unit communicated regularly with cities and the County regarding the recent storms.

This information is based on first-hand accounts from Santa Clara Valley Water District (Valley Water) staff and other monitoring sources between Feb. 12 and Feb. 25, 2019. As more information is gathered, some of the information reported here

Flood Management Operations

Valley Water activated its EOC on Feb. 13 at level 3 to monitor the storm and its projected impact on our streams and reservoirs. The Joint Emergency Action Plan with the City of San José was utilized to guide the coordination and management of resources. As the storm evolved, the EOC was elevated to a level 2 activation when San José confirmed they were going to conduct evacuations. At this time, Valley Water sent a representative to the San José EOC to support the exchange of information. Valley Water deactivated its EOC on Feb. 14.

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)

FITs were deployed to monitor water levels at various locations in San José, including Guadalupe River at Alma Avenue, Ross Creek at Cherry Avenue, Canoas Creek at Nightingale Drive and Los Gatos Creek at Meridian Avenue, among other locations.

Sandbags

Valley Water maintained sandbag sites throughout the county. Due to high demand, additional 1,600 sandbags were delivered to Morgan Hill site and 1,600 sandbags were delivered to Phelan site on Feb. 15.

Current stocking levels at various sites are: San José (Phelan) - 3,000 filled bags; Morgan Hill - 4,000 filled bags; Palo Alto - 2,700 filled bags; Alviso - 3,800 filled bags; and Winfield Yard - 16,800 filled bags, with 2,300 filled bags available to the public.

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.