

# Storm Report

Dec. 5, 2023 – Jan. 9, 2024



## Rainfall

RAINFALL IN INCHES AS OF JANUARY 9, 2024

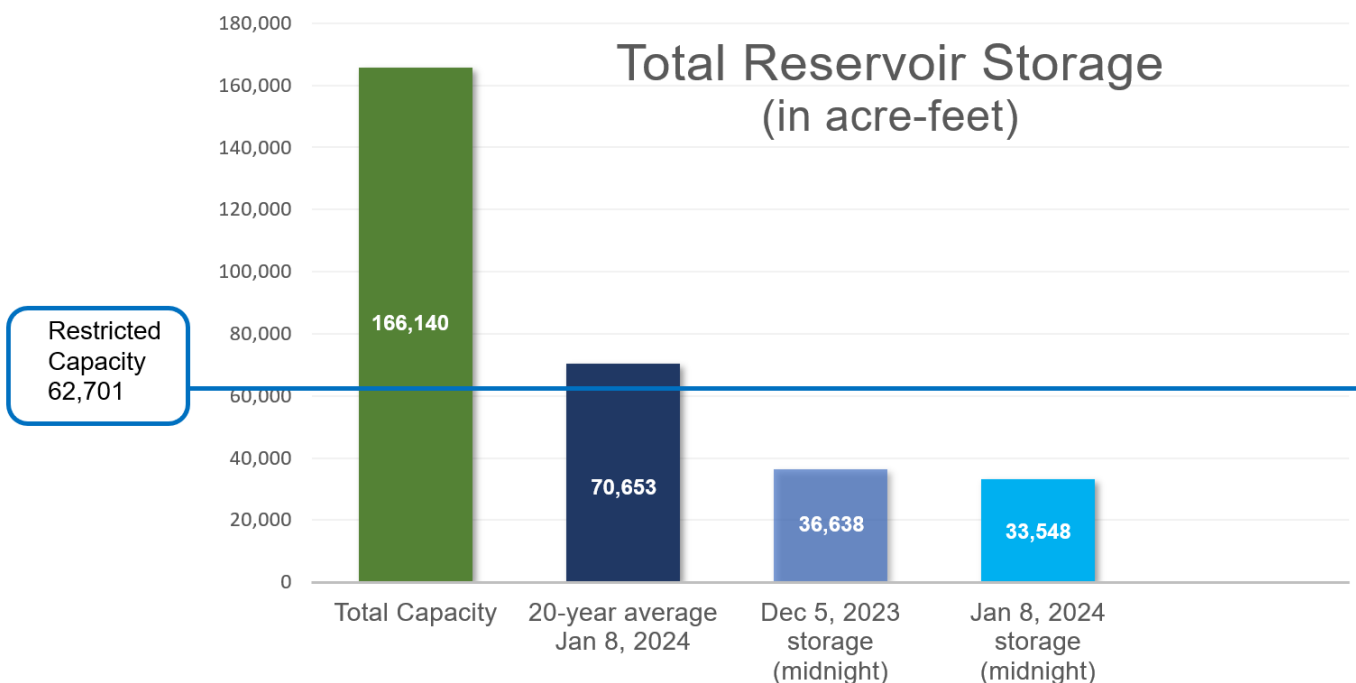
COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 12/4/23 – 1/9/24 (inches)	SEASON <sup>1</sup> TO DATE 1/9/24 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
<b>WEST<sup>2</sup></b> (Valley Christian)	9.29	12.05	17.99	67%	43.43
<b>CENTRAL</b> (San José)	2.99	3.54	5.77	61%	14.23
<b>NORTH EAST</b> (Penitencia)	3.42	4.29	4.06	106%	10.04
<b>SOUTH</b> (Coyote Reservoir)	4.84	6.26	8.25	76%	20.51

## Reservoir Levels

- Shasta Reservoir storage was at 115% of historical average and Lake Oroville was at 128% for January 7, 2024.
- Estimated inflow into local reservoirs was approximately 3,860 acre-feet between December 5, 2023, and January 7, 2024.
- Total local reservoir storage on January 8 was about 20% of total unrestricted capacity and 47% of normal when compared to the 20-year average for this date.

## Raw Water Operations

- Releases from Anderson Reservoir strive to maintain deadpool, per the Federal Energy Regulatory Commission (FERC) Order.
- Coyote Reservoir is below the permanent Division of Safety of Dams (DSOD) restricted level and above the 80% exceedance probability rule curve. Reservoir storage can be reduced to the rule curve within seven days.



<sup>1</sup> Rainfall season extends from July 1 to June 30 of the following year.

<sup>2</sup> Rainfall Data stations: **West** – Santa Cruz Mountains; **Central** – near downtown San Jose; **Northeast** – near Milpitas; **South** – near Coyote Reservoir.  
Page 1 of 2

## Raw Water Operations (cont.)

- Almaden, Calero, and Guadalupe reservoirs were below interim DSOD restricted levels.
- Santa Clara Conduit was taken out of service on November 8, 2023, for maintenance activities and will be unavailable through middle of April 2024.
- No transfers were made from Almaden Reservoir to Calero Reservoir through the Almaden-Calero Canal during this period. Canal diversion period began December 1.

## Pre-storm Preparations

Crews completed stream maintenance program work from June to October, removing over 45,000 cubic yards (CY) of sediment for capacity and repairing over 1,200 linear feet (LF) of creek bank. Field crews continue monitoring over 275 locations countywide before, during, and after storm events to eliminate flow restrictions.

## Communications

Communications shared weather updates from the National Weather Service on social media. Social media posts were also created by staff to remind residents where they can get sandbags and to turn off their irrigation systems after measurable rainfall. Nextdoor posts were shared on behalf of the Board with flood tips and resources.

## Flood Management Operations

Valley Water continues to monitor the Winter forecast and share its preparedness efforts with the Santa Clara County Operational Area. Staff will continue to work with regional partners to support storm-related response as needed.

## Flooding

There were no reports of flooding during this time.

## Field Information Teams (FITs)

No FIT teams were deployed during this time period.

## Fallen Trees and Debris Removal

Fallen trees and identified debris were removed from channels throughout the county in anticipation of winter storms.

## Sandbags

Sandbag sites were inspected and fully stocked prior to each storm. Some sites had additional burlap bags and loose sand available to fill additional sandbags if needed.

This information is based on first-hand accounts from Santa Clara Valley Water District (Valley Water) staff and other monitoring sources between Dec 5, 2023, and January 9, 2024. As more information is gathered, some of the information reported here may change.

For questions, contact Christopher Hakes, Chief Operating Officer, Watersheds at (408) 630-3796 or Aaron Baker, Chief Operating Officer, Water Utility at (408) 630-2135.