

Storm Report

Apr. 9, 2024 – May 13, 2024



Rainfall

RAINFALL IN INCHES AS OF May 13, 2024

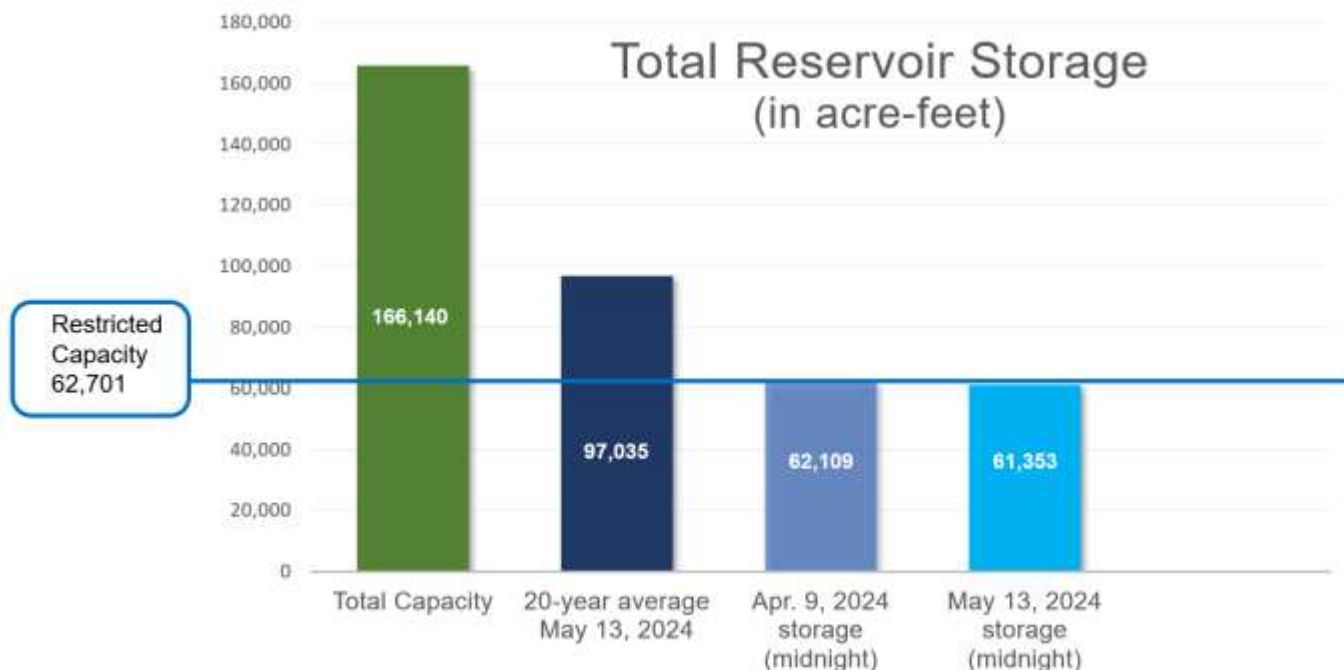
COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 4/9/24 – 5/13/24 (inches)	SEASON ¹ TO DATE 5/13/24 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
WEST² (Valley Christian)	2.95	49.49	42.79	116%	43.43
CENTRAL (San José)	1.14	15.39	13.86	111%	14.23
NORTH EAST (Penitencia)	1.54	19.45	9.72	200%	10.04
SOUTH (Coyote Reservoir)	1.62	24.49	20.12	122%	20.51

Reservoir Levels

- Shasta Reservoir storage was at 114% of historical average and Lake Oroville was at 127% for May 12, 2024.
- Estimated inflow into local reservoirs was approximately 14,400 acre-feet between April 9, 2024 and May 12, 2024.
- Total local reservoir storage on May 13 was about 37% of total unrestricted capacity and 63% 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 currently below the DSOD restriction.
- Almaden, Calero, and Guadalupe reservoirs were below interim DSOD restricted levels during this period.



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

² 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.)

- Santa Clara Conduit was taken out of service on November 8, 2023, for maintenance activities and returned to service on April 24, 2024.
- Transfers from Almaden Reservoir to Calero Reservoir through the Almaden-Calero Canal continued until April 29, 2024.

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 staff shared social media posts from the National Weather Service to notify residents of the incoming rain and show estimated rainfall totals for our area. Valley Water hosted two public meetings on the Coyote Creek Flood Protection Project with staff providing an update to the work being done.

A video showcasing our progress in building over 3,500 feet of floodwalls along Coyote Creek in San Jose through January 2024, with another 5,000 feet expected to be completed this year, was posted on social media.

Flood Management Operations

Valley Water Office of Emergency Services (OES) On Call team continues to monitor potential inclement weather and coordinate information and intelligence sharing with the Santa Clara County Operational Area (Cities and County).

Flooding

No observations of creek flooding were reported by Valley Water staff.

Field Information Teams (FITs)

No FIT Teams were deployed during this time period.

Fallen Trees and Debris Removal

Staff continue to inspect and assess the waterways. Flow restrictions, including downed trees and debris on bridge piers, continue to be removed as needed before, during, and after storm events.

Sandbags

In preparation for each storm, sandbag sites were inspected and fully stocked. All sites were closed for the season on April 15th, following a final cleanup.

This information is based on first-hand accounts from Santa Clara Valley Water District (Valley Water) staff and other monitoring sources between April 09, 2024, and May 13, 2024. As more information is gathered, some of the information reported here may change.

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