

Storm Report

Dec.12, 2022 – Jan. 9, 2023



Rainfall

RAINFALL IN INCHES AS OF JANUARY 9, 2023

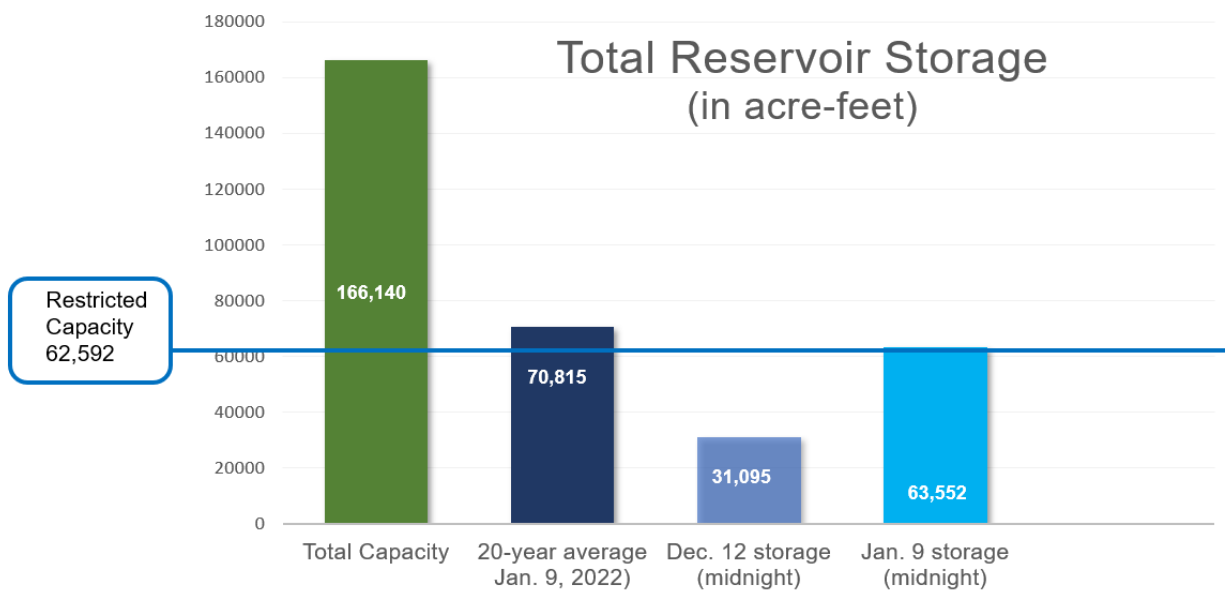
COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 12/12/22-01/09/23 (inches)	SEASON ¹ TO DATE 01/09/26 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
WEST² (Valley Christian)	20.36	36.30	17.88	203%	43.76
CENTRAL (San José)	5.32	11.46	5.77	199%	14.35
NORTH EAST (Penitencia)	7.40	13.78	6.03	228%	15.29
SOUTH (Coyote Reservoir)	8.86	17.56	8.17	215%	20.56

Reservoir Levels

- Recent storms generated runoff into the major federal and state reservoirs. Shasta Reservoir storage was at 64% of historical average and Lake Oroville was at 81% for Jan. 9, 2023.
- Estimated inflow into local reservoirs³ was approximately 71,800 acre-feet from between Dec. 12, 2022 through Jan. 9, 2023.
- Total local reservoir storage on Dec. 12 was about 38% of total unrestricted capacity and 90% of normal when compared to the 20-year average for this date.

Raw Water Operations

- Releases from Anderson Reservoir continue to maintain storage at deadpool, per the Federal Energy Regulatory Commission (FERC) Order. The reservoir outlet remains fully open.
- Coyote Reservoir exceeded the permanent Division of Safety of Dams (DSOD) restricted level and Calero Reservoir exceeded the Interim DSOD level. The Coyote reservoir outlet remains fully open.



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.

³ Excludes inflow into Vasona Reservoir.

Raw Water Operations (cont.)

- Almaden Reservoir exceeded the DSOD interim restricted level and spilled on Dec. 31 and Jan. 1, as well as on Jan. 9.
- Uvas Reservoir began spilling on Dec. 31 and continued to spill through the reporting period.
- Guadalupe reservoir was below interim DSOD restricted level.
- Santa Clara Conduit was taken out of service on Nov. 1 for maintenance activities and will be unavailable through the end of Jan. 2023.

Pre-storm Preparations

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

Communications

Staff shared social media posts on storm readiness and flood safety prior and during storms, including flood advisory and alerts issued by the National Weather Service. Nextdoor posts with similar content were distributed on behalf of all directors and an email blast was sent to the newsletter subscribers list. The red alert banner on valleywater.org remains activated to indicate EOC status and share flood safety messaging during the storm. Staff handled numerous media calls and participated in a news conference with the City of San José on Jan. 9.

Flood Management Operations

Valley Water's Emergency Operations Center (EOC) has been activated since Dec. 31, 2022. Throughout the storm events, the EOC has been in lockstep with the County of Santa Clara and cities regarding sharing intelligence, coordinating response, and aligning public messaging.

Flooding

Multiple reports of flooding occurred during this period, including:

- San Francisquito Creek at Chaucer St. (Palo Alto)
- West Little Llagas Creek at Watsonville Rd. (Morgan Hill)
- Uvas Creek at Miller Ave. (Gilroy)
- Upper Penitencia Creek at Maybury Rd. (San José)

With Valley Water's EOC activated during this period, staff maintained communication with affected municipalities to provide updates along with offers to assist.

Emergency Work

Emergency sediment removal occurred on Berryessa Creek downstream of Piedmont Rd. from Jan 4 through Jan. 6 to reduce flooding potential.

Fallen Trees and Debris Removal

Prior to, during and following the Dec. 31 storm into the new year, crews worked to clear debris found on creek pier noses and trash racks throughout the county.

Field Information Teams (FITs)

Field Information Teams were deployed on multiple occasions during this period. Two FITs were deployed on Dec. 31 to South County and San Francisquito Creek in Palo Alto. Three FITs were deployed the night of Jan. 4 through early Jan. 5 to parts of North and South County and east San José.

Sandbags

Sandbag sites were inspected and fully stocked prior to each storm with both sandbags and loose materials to prepare additional ones. Crews have been working around the clock with contractor crews to fill on average 11,000 sandbags during the week; and teaming up with the Department of Correction crews to fill an average of 5,000 sandbags during the weekends. Valley Water staff has also delivered sand, empty bags and shovels to supplement filled bags available at each site.

This information is based on first-hand accounts from Santa Clara Valley Water District (Valley Water) staff and other monitoring sources between Dec. 12, 2022 and Jan. 9, 2023. As more information is gathered, some of the information reported here may change.

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