

# Storm Report

## Feb. 10 – Feb. 27, 2023



### Rainfall

RAINFALL IN INCHES AS OF FEBRUARY 27, 2023

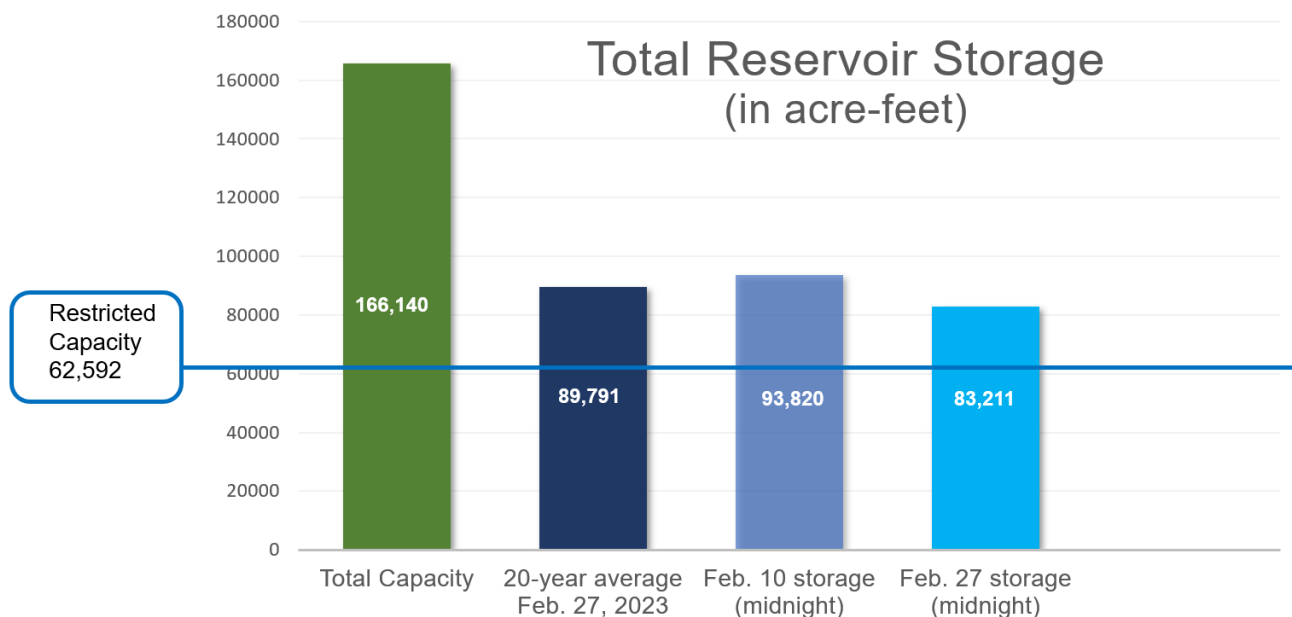
COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 02/10/23-02/27/23 (inches)	SEASON <sup>1</sup> TO DATE 02/10/23 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
<b>WEST<sup>2</sup></b> (Valley Christian)	5.00	55.47	32.46	171%	43.76
<b>CENTRAL</b> (San José)	1.61	16.61	10.18	163%	14.35
<b>NORTH EAST</b> (Penitencia)	1.81	19.80	10.89	182%	15.29
<b>SOUTH</b> (Coyote Reservoir)	1.85	23.90	14.94	160%	20.56

### Reservoir Levels

- Recent storms generated runoff into the major federal and state reservoirs. Shasta Reservoir storage was at 84% of historical average and Lake Oroville was at 116% for Feb. 27, 2023.
- Estimated inflow into local reservoirs<sup>3</sup> was approximately 10,580 acre-feet between Feb. 10, and Feb. 27, 2023.
- Total local reservoir storage on Feb. 8 was about 50% of total unrestricted capacity and 93% of normal when compared to the 20-year average for this date.

### Raw Water Operations

- Releases from Anderson Reservoir strive to bring storage toward deadpool, per the Federal Energy Regulatory Commission (FERC) Order. The reservoir outlet remains fully open.
- Coyote Reservoir is below the permanent Division of Safety of Dams (DSOD) restricted level and above the 80% exceedance probability rule curve. Calero, Almaden and Guadalupe reservoirs are below the Interim DSOD restricted levels.



<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.

<sup>3</sup> Excludes inflow into Vasona Reservoir.

## Raw Water Operations (cont.)

- Uvas Reservoir began spilling on Dec. 31 and stopped spilling on Feb. 24, 2023.
- Santa Clara Conduit was taken out of service on Nov. 1 for maintenance activities and is expected to return to service Mar. 22

## Pre-storm Preparations

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

## Communications

The annual flood awareness campaign continued running on social and digital channels, encouraging residents of the FEMA special flood hazard areas to get flood ready. Staff also shared a reminder to turn off irrigation systems in anticipation of possible rain.

## Flood Management Operations

Valley Water has transitioned to the recovery operations following the conclusion of the storm response in December and January. Office of Emergency Services is coordinating Valley Water's recovery team to seek FEMA reimbursement and funding for applicable emergency actions and repairs. Santa Clara County has been included in the federal disaster declaration for the storms, which allows Valley Water to seek cost recovery from FEMA.

## Flooding

No flooding was reported during this time.

## Fallen Trees and Debris Removal

Fallen trees and debris identified were removed from channels throughout the county.

## Field Information Teams (FITs)

No FITs were deployed during this period.

## Sandbags

Sandbag sites were inspected and fully stocked prior to each storm with filled bags, sandbags and loose materials to prepare additional ones.

This information is based on first-hand accounts from Santa Clara Valley Water District (Valley Water) staff and other monitoring sources between Feb. 10 and Feb. 27, 2023. As more information is gathered, some of the information reported here may change.

For questions, contact Bhavani Yerrapotu, Interim Chief Operating Officer, Watersheds at (408) 630-2615 or Aaron Baker, Chief Operating Officer, Water Utility at (408) 630-2135.