

Storm Report

Jan. 14 – Jan. 27, 2020



Rainfall and Reservoir Levels

RAINFALL IN INCHES AS OF JANUARY 27, 2020

COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 1/14/20–1/27/20 (inches)	SEASON ¹ TO DATE 1/27/20 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
WEST (Valley Christian)	2.44	16.50	22.99	72%	43.76
CENTRAL (San Jose)	0.87	5.16	7.41	70%	14.35
NORTH EAST (Penitencia)	1.14	6.69	7.82	86%	15.29
SOUTH (Coyote Reservoir)	1.30	8.62	10.60	81%	20.56

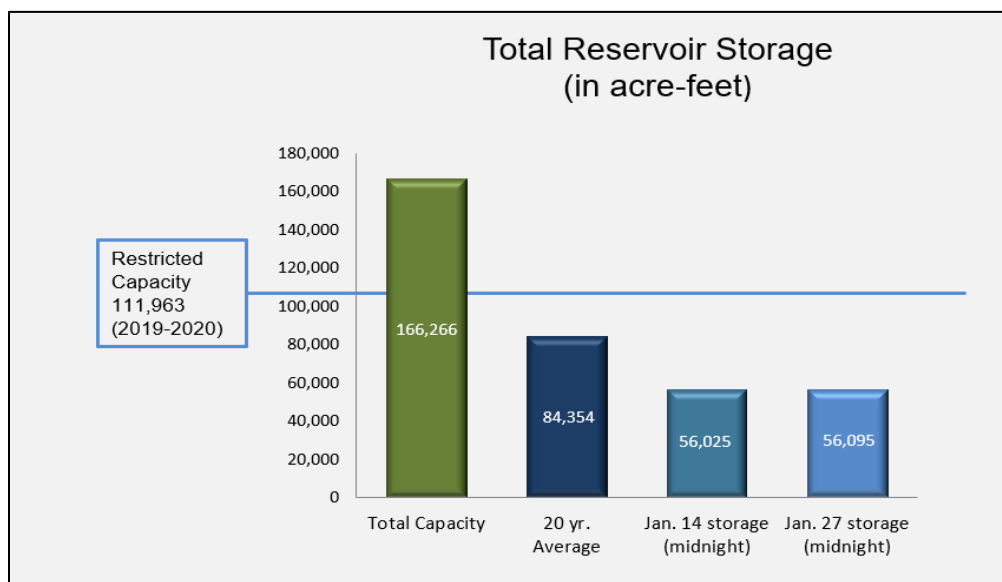
Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

More About Reservoir Levels

- Recent storms generated runoff into the major federal and state reservoirs. Shasta Reservoir was at 113% of historical average for Jan. 26, 2020, and Lake Oroville was at 94%.
- Estimated inflow into local reservoirs was approximately 1,460 acre-feet between Jan. 14 and Jan. 26, 2020.
- Total local reservoir storage on Jan. 27 was about 34% of total capacity and 67% 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 below the combined Anderson-Coyote Flood Risk-Reduction Rule Curve.
- Coyote Reservoir was below the permanent DSOD restricted level.
- No transfers were 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 the treatment plants continued with imported water from the South Bay Aqueduct (SBA) because both the Cross-Valley Pipeline and Almaden Valley Pipeline were off-line for maintenance.
- All three water treatment plants were operational during this period; however, they were briefly shut down from Jan. 19-20 due to a leak on the SBA that was repaired by the Department of Water Resources.
- Percolation ponds were mostly offline due to a reduced 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



- Valley Water's annual flood awareness campaign continues with GET FLOOD READY messages on radio, billboards, transit shelters, online, social media and valleywater.org.
- The annual floodplain mailer was delivered to homes and businesses in FEMA-designated flood zones.
- During this period, staff posted social media messages on X-band radar, multilingual videos on flood preparedness, and know your flood risk.
- On Jan. 15, a ribbon cutting ceremony was held at the Penitencia Water Treatment Plant for the first permanent X-band radar in the Bay Area, earning media coverage from multiple broadcast, radio, and print publications.
- Staff's outreach to targeted "hot spots," places known to be potentially vulnerable to flooding, has resulted in six tentatively

This information is based on first-hand accounts from Santa Clara Valley Water District (Valley Water) staff and other monitoring sources between Jan. 14 and Jan. 27, 2020. As more information is gathered, some of the information reported here may change.

scheduled presentations, five commitments to include Get Flood Ready messages in newsletters or other electronic communications, and 13 commitments to distribute Valley Water's Get Flood Ready fliers or post Get Flood Ready posters.

Flood Management Operations

The Emergency Services and Security Unit (ESSU) communicates with the Santa Clara County Operational Area as appropriate during inclement weather time periods. ESSU also continues to work closely with the appropriate Valley Water functions to continuously monitor potential flooding scenarios from our streams/reservoirs.

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 before, during, and after each storm event. There was no unusual debris or fallen trees during this period.

Field Information Team (FIT)

Based on antecedent conditions and forecast rainfall amounts, no FITs were placed on standby or mobilized.

Sandbags

Valley Water maintained sandbag sites throughout the county. Due to high demand, 3,200 sandbags were delivered to Morgan Hill on Jan. 17.

Current stocking levels at various sites are: San José (Phelan) – 4,100 filled bags; Morgan Hill – 5,400 filled bags; Palo Alto – 1,600 filled bags; Alviso – 3,500 filled bags; and Winfield Yard – 2,000 filled bags available to the public and 7,000 in stock.

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.