

# Storm Report

Dec. 10, 2019 – Jan. 13, 2020



## Rainfall and Reservoir Levels

### RAINFALL IN INCHES AS OF JANUARY 13, 2020

COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 12/10/19–1/13/20 (inches)	SEASON <sup>1</sup> TO DATE 1/13/20 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
<b>WEST</b> (Valley Christian)	3.43	14.06	19.01	74%	43.76
<b>CENTRAL</b> (San Jose)	1.06	4.29	6.14	70%	14.35
<b>NORTH EAST</b> (Penitencia)	1.53	5.55	6.43	86%	15.29
<b>SOUTH</b> (Coyote Reservoir)	1.45	7.32	8.71	84%	20.56

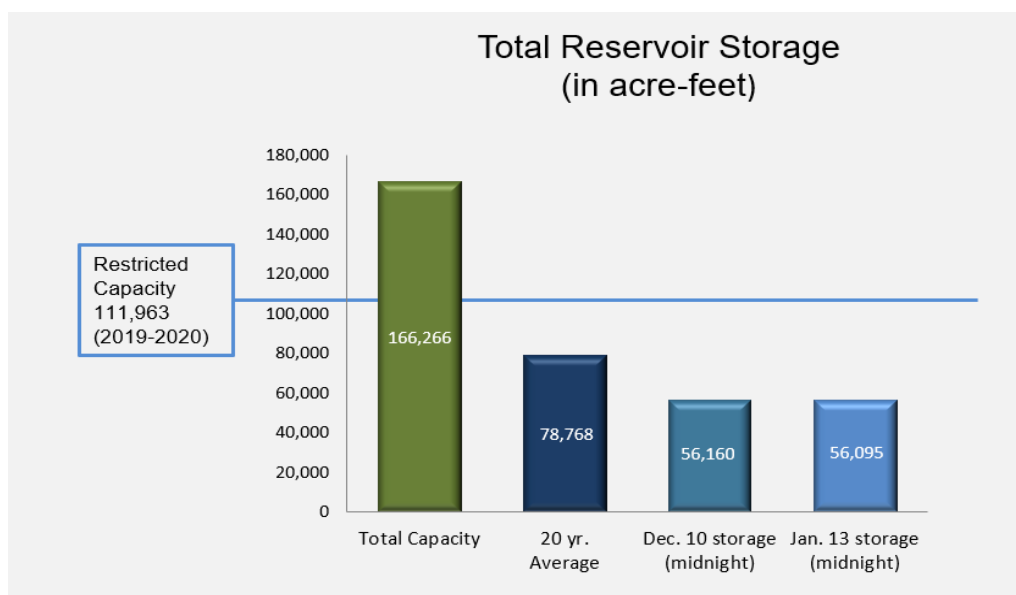
Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

## More About Reservoir Levels

- Recent storms generated runoff into the major federal and state reservoirs. Shasta Reservoir was at 114% of historical average for Jan. 12, 2020, and Lake Oroville was at 95%.
- Estimated inflow into local reservoirs was approximately 3,930 acre-feet between Dec. 10, 2019 and Jan. 13, 2020.
- Total local reservoir storage on Jan. 13 was about 34% of total capacity and 71% 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



<sup>1</sup> 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 because the Cross-Valley Pipeline was off-line for maintenance.
- All three water treatment plants were operational during this period.
- 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 has begun with GET FLOOD READY messages on radio, billboards, transit shelters, online, social media and valleywater.org.
- The annual floodplain mailer is scheduled to be delivered to homes and businesses in FEMA-designated flood zones.
- During this period, staff posted social media messages on X-band radar; Safe, Clean Water flood protection projects; sandbag info; and know your flood risk.
- Valley Water events/ projects/ efforts resulted in earned media throughout the period, generating five local news stories on television, radio and print.
- Staff identified additional outreach opportunities in areas known as hot spots, zones that have a recent history of flooding, and will be engaging with residents to provide flood awareness information throughout the current rainy season.

This information is based on first-hand accounts from Santa Clara Valley Water District (Valley Water) staff and other monitoring sources between Dec. 10, 2019 and Jan. 13, 2020. As more information is gathered, some of the information reported here may change.

## 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, 1,600 sandbags were delivered to Morgan Hill and 1,600 sandbags were delivered to Mabury Yard on Dec. 24. On Jan. 9, 3,200 sandbags were delivered to the Phelan Avenue site.

Current stocking levels at various sites are: San José (Phelan) – 4,600 filled bags; Morgan Hill – 4,000 filled bags; Palo Alto – 3,300 filled bags; Alviso – 3,700 filled bags; and Winfield Yard – 2,000 filled bags available to the public and 10,000 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.