

# Storm Report

Dec. 25, 2018 – Jan. 7, 2019



## Rainfall and Reservoir Levels

### RAINFALL IN INCHES AS OF JANUARY 7, 2019

| COUNTY RAIN GAUGE LOCATIONS        | CURRENT PERIOD<br>12/25/18–01/07/19<br>(inches) | SEASON TO DATE<br>01/07/19<br>(inches) | SEASONAL AVG TO DATE<br>(inches) | % SEASONAL AVG TO DATE | HISTORICAL SEASON AVERAGE<br>(inches) |
|------------------------------------|---|--|----------------------------------|------------------------|---------------------------------------|
| <b>WEST</b><br>(Valley Christian)  | 7.79  | 16.10                                  | 17.31                            | 93%                    | 43.76                                 |
| <b>CENTRAL</b><br>(San Jose)       | 1.97  | 3.86                                   | 5.59                             | 69%                    | 14.35                                 |
| <b>NORTH EAST</b><br>(Penitencia)  | 2.12  | 5.55                                   | 5.83                             | 95%                    | 15.29                                 |
| <b>SOUTH</b><br>(Coyote Reservoir) | 4.57  | 9.29                                   | 7.90                             | 118%                   | 20.56                                 |

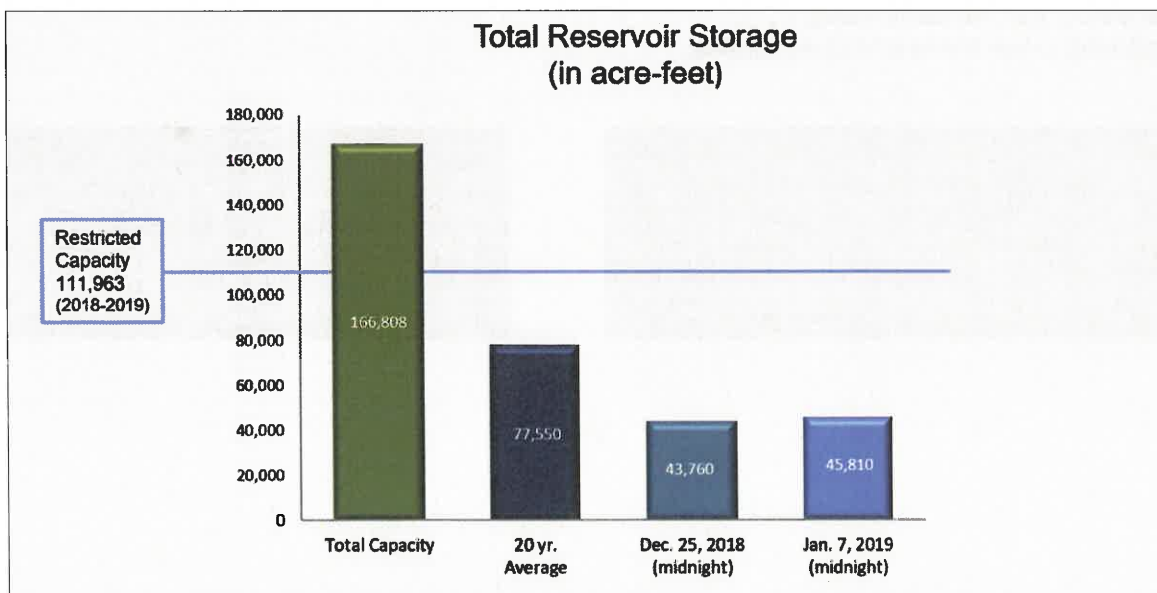
Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

### More About Reservoir Levels

- Recent storms generated runoff into the major federal and state reservoirs; Shasta Reservoir was at 80% of historical average for Jan. 7, 2019, and Lake Oroville was at 47%.
- Estimated inflow into local reservoirs was approximately 4,050 acre-feet between Dec. 25 and Jan. 7, 2019.
- Total reservoir storage on Jan. 7 was about 28% of total capacity and 60% 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 from Almaden Reservoir to Calero Reservoir through the Almaden-Calero Canal were made during this period.
- Imported supplies were delivered to Calero Reservoir.



## Raw and Treated Water Operations

- Supplies to treatment plants continued with imported water.
- All three water treatment plants were operational during this period.
- Percolation ponds were mostly offline due to removal of instream diversions and reduced supplies for the 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



- The district's annual flood awareness campaign is in full force with ads on social media, newspapers, bus shelters, light rail trains and radio. Weather alerts with flood tips aired over the weekend.
- The floodplain mailer has been distributed to residents in flood-prone areas.
- The annual all-county mailer was sent on Dec. 22, 2018, and included a section on flood preparation.
- Anticipating the storms, staff posted messages on social media on the ReadySCC app, street flooding, monitoring creek levels and storm drains.

This information is based on first-hand accounts from District staff and other monitoring sources between December 25, 2018 and January 07, 2019. As more information is gathered, some of the information reported here may change.

## Flood Management Operations

The district's Emergency Services and Security Unit continues to communicate with emergency management partners within Santa Clara County regarding reservoir levels, stream status and flooding preparedness activities

### Flooding

No flooding occurred.

### Fallen Trees and Debris Removal

Staff responded to a request from the City of Palo Alto to remove a downed tree in San Francisquito Creek, upstream of West Bayshore.

### Field Information Team (FIT)

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

### Sandbags

The district maintained sandbag sites throughout the county. Current stocking levels are:

- San Jose (Phelan) – 3,300 filled bags
- Morgan Hill – 3,300 filled bags
- Alviso – 4,200 filled bags
- Palo Alto – 2,500 filled bags
- Winfield – 2,200

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.