

# Storm Report

## Jan. 8 - 21, 2019



### Rainfall and Reservoir Levels

#### RAINFALL IN INCHES AS OF JANUARY 21, 2019

COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 01/8/19-01/21/19 (inches)	SEASON <sup>1</sup> TO DATE 01/07/19 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (inches)
<b>WEST</b> (Valley Christian)	8.90	25.87	21.28	122%	43.76
<b>CENTRAL</b> (San Jose)	1.73	5.59	6.87	81%	14.35
<b>NORTH EAST</b> (Penitencia)	1.50	7.09	7.23	98%	15.29
<b>SOUTH</b> (Coyote Reservoir)	3.54	12.87	9.79	131%	20.56

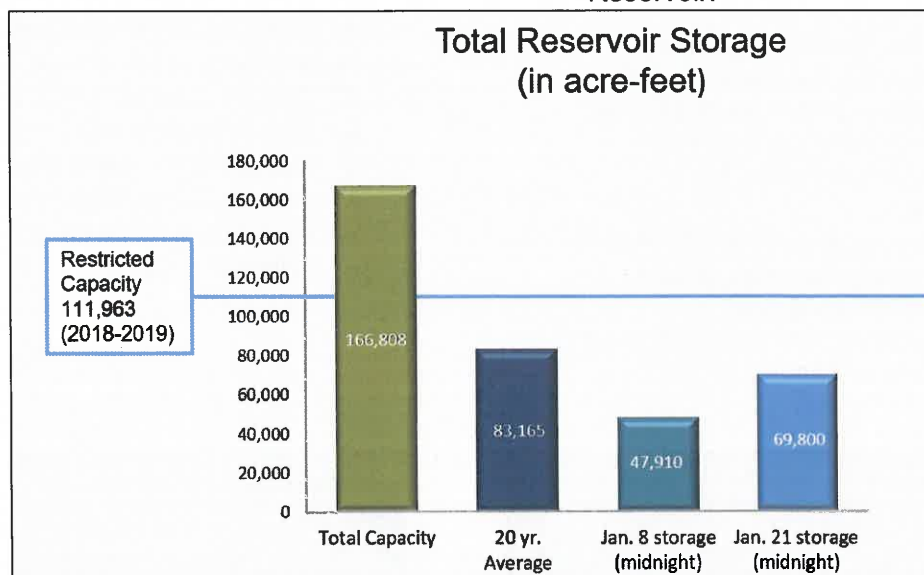
Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

### More About Reservoir Levels

- Recent storms generated runoff into the major federal and state reservoirs; Shasta Reservoir was at 92% of historical average for Jan. 21, 2019, and Lake Oroville was at 57%.
- Estimated inflow into local reservoirs was approximately 28,000 acre-feet between Jan. 8 and Jan. 21, 2019.
- Total reservoir storage on Jan. 21 was about 42% of total capacity and 84% 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 above the permanent DSOD restricted level, and releases were made at the outlet capacity.
- No transfers were made from Almaden Reservoir to Calero Reservoir through the Almaden-Calero Canal during this period.
- Imported supplies were delivered to Calero Reservoir.



<sup>1</sup> Rainfall season extends from July 1 to June 30 of the following year.

# Storm Report

Jan. 8 – Jan. 21, 2019

## 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



- Anticipating the storms, staff posted messages on social media on sandbag locations, the definition of “flood watch,” and flood readiness tips.
- Several media outlets covered the District’s efforts to prepare.
- The District’s annual flood awareness campaign is in full force with ads on social media, newspapers, bus shelters, light rail trains and radio.
- A winter storm preparedness statement was distributed to local media and Nextdoor.
- Staff monitored the storm and posted updates to Twitter and Facebook, including updates on sandbag availability, field crew activities, and re-posting the National Weather Service flood warning for Guadalupe River.
- Staff maintained communication with Public Information Officers in the cities of San Jose and Morgan Hill via group coordination teleconference calls, follow-up text messages and voicemail.

This information is based on first-hand accounts from District staff and other monitoring sources between January 8 and January 21, 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 communicated and coordinated with San José, Morgan Hill, Sunnyvale and Santa Clara County regarding the Atmospheric River that swept in on Jan. 16, 2019. Multiple coordination calls were conducted to share information and prepare for the storm.

Although Emergency Operations Centers were not activated in the cities, County or the District, communication and coordination efforts continued throughout the storm timeframe.

### Flooding

No flooding from District streams.

### Fallen Trees and Debris Removal

Staff responded and cleared debris at Almadra Creek and the El Camino Storm Drain trash racks on Jan. 16, 2019.

### Field Information Team (FIT)

FITs were deployed at Sunnyvale East Channel at Hwy 101 in Sunnyvale; Ross Creek at Cherry Ave. in San José; Guadalupe River at Almaden Expressway; and Alma Ave. in San José.

### Sandbags

The district maintained sandbag sites throughout the county. Due to high demand, a total of additional 5,600 sandbags were delivered to Morgan Hill site on January 16 and 17. Current stocking levels are:

- San Jose (Phelan) – 3,100 filled bags
- Morgan Hill – 4,600 filled bags
- Alviso – 4,200 filled bags
- Palo Alto – 2,200 filled bags
- Winfield – 1,000

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.