

# Storm Report

## Jan. 24 – Feb. 14, 2017



### Rainfall and Reservoir Levels

#### RAINFALL IN INCHES AS OF FEBRUARY 14, 2017

COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 1/24/16–2/14/17 (inches)	SEASON TO DATE 2/14/17 (inches)	SEASONAL AVG TO DATE (inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASONAL AVERAGE (inches)
<b>WEST</b> (Valley Christian)	12.64	60.59	28.25	215%	43.18
<b>CENTRAL</b> (San Jose)	1.93	11.14	9.03	123%	14.40
<b>NORTH EAST</b> (Penitencia)	2.55	15.31	9.49	161%	15.13
<b>SOUTH</b> (Coyote Reservoir)	5.63	28.39	12.97	219%	20.33

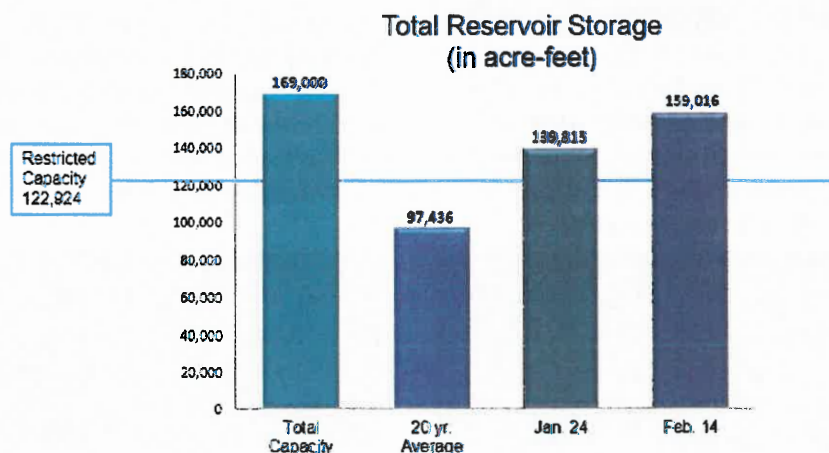
Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

### More About Reservoir Levels

- Recent storms generated runoff into the major federal and state reservoirs. Shasta Reservoir is at 135% and Lake Oroville is at 143% of historical average for this date. Nearly 200,000 people were evacuated on Sunday over concerns that the emergency spillway at Lake Oroville could fail.
- Estimated inflow into local reservoirs was nearly 110,000 acre feet between Jan. 24 and Feb. 14.
- Total reservoir storage increased to about 94% of total capacity, and about 163% of normal when compared to the 20-year average for this date.

### Raw & Treated Water Operations

- Almaden, Uvas, Lexington, Chesbro and Coyote reservoirs spilled following last week's storms.
- Uvas Reservoir began spilling on Jan. 5 and continues to spill.
- Anderson is currently about 0.5 foot below spill with the outlet fully open.
- Almaden and Anderson reservoirs have exceeded their interim DSOD restrictions, and Coyote storage is currently above the permanent DSOD restricted level. To bring storage down to DSOD operating levels, maximum controlled releases are being made from these reservoirs



## Raw & Treated Water Operations

(to the extent as not to cause downstream flooding). Flood releases are being performed at all reservoirs.

- Local and imported water supply to treatment plants continued. Penitencia Water Treatment Plant remains offline.
- Percolation ponds were mostly offline due to removal of instream diversions and poor water quality in the creeks. Coyote perc. dam was removed last week to safely pass storm flows in Coyote Creek and possible Anderson spillway flows.

## Pre-storm Preparations

In advance of the storm, district crews removed trash and debris.

## District Communications

- Staff posted several updates to social media, Nextdoor and provided updates to Public Information colleagues from other jurisdictions.
- Staff was in close coordination with colleagues from the San Francisquito Creek Multi-Agency Coordination group.
- Through Chair Varela, a message regarding Anderson Reservoir was posted to Nextdoor neighborhoods in Morgan Hill and San Martin and distributed by the City of Morgan Hill.
- Staff fielded media calls from KTVU, KRON, KPIX, KCBS, KGO, KSBW, Morgan Hill Times, SF Chronicle and Mercury News.
- Our paid flood awareness campaign is in full swing with digital and radio ads with billboards to follow.

## Flood Management Operations

- The district formally activated its Emergency Operations Center (EOC) on Feb. 7 to monitor creek flows countywide, and provide support for levee repair along San Francisquito Creek.
- The EOC was also open on Feb. 9 to monitor conditions and coordinate responses to

This information is based on first-hand accounts from District staff and other monitoring sources between Jan. 24 – Feb. 14, 2017. As more information is gathered, some of the information reported here may change.

## Flood Management Operations

trash-rack failure and debris collection in San Francisquito Creek under Bayshore and 101 bridges. OES staff engaged with County OES, CalOES, DWR's Flood Operations Center (FOC), and Caltrans to help address the issue.

- OES staff is engaged in multi-agency coordination to prepare for potential high flows in Coyote Creek resulting from Anderson Dam spillway flows. Staff is providing partner agencies a forward-looking common operating picture for police, fire, sheriff, and sheltering organizations such as County SSA and the Red Cross.

### Fallen Trees and Debris Removal

- Crews carried out tree and debris removal work at Sunnyvale East Channel at Emperor Way in Sunnyvale; Ross Creek at Kirk Rd in San Jose; and Uvas Creek at Coach Rd as well as downstream of Luchessa Ave in Gilroy.
- Crews removed debris from Upper Miller Slough downstream of Lewis St in Gilroy, and Quimby Creek at D'Amico Dr in San Jose.

### Flood Information Team (FIT)

- No FIT was utilized, but staff from the Hydrology and Hydraulics Unit was deployed in the field.

### Sandbags

- The district maintained sandbag sites throughout the county. During the Jan. 24 to Feb. 14-period, the district delivered over 21,000 sandbags, as well as lose sand in the trouble spots.
- In Alviso, both sandbags locations—the new location behind George Mayne Elementary School and the old location at Northeast corner of Gold and Catherine streets—have been stocked.

For questions, contact Melanie Richardson, Interim Chief Operating Officer Watersheds at (408) 630-2035 or Jim Fiedler, Chief Operating Officer Water Utility at (408) 630- 2736.