

Storm Report

March 28 – April 11, 2017

Rainfall and Reservoir Levels

RAINFALL IN INCHES AS OF April 11, 2017

COUNTY RAIN GAUGE LOCATIONS	CURRENT PERIOD 3/29/17–4/11/17 (Inches)	SEASON TO DATE 4/11/17 (Inches)	SEASONAL AVG TO DATE (Inches)	% SEASONAL AVG TO DATE	HISTORICAL SEASON AVERAGE (Inches)
WEST (Valley Christian)	3.67	79.06	40.59	195%	43.18
CENTRAL (San Jose)	0.83	16.38	13.07	125%	14.40
NORTH EAST (Penitencia)	0.99	21.50	13.84	155%	15.13
SOUTH (Coyote Reservoir)	1.10	36.93	18.72	197%	20.33

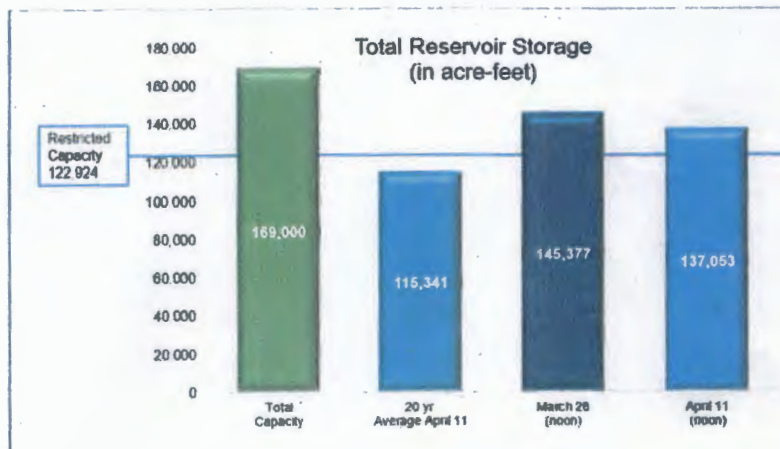
Rainfall Data stations: **West**-Santa Cruz Mountain near Saratoga; **Central**-near downtown San Jose; **Northeast**-near Milpitas; and **South**-near Coyote Reservoir

More About Reservoir Levels

- Moderate rainfall occurred during this period, and storage in major federal and state reservoirs increased. Shasta Reservoir was at 113% of historical average for this date and Lake Oroville was at 105%
- Estimated inflow into local reservoirs was approximately 13,000 acre feet between March 28 and April 11.
- Total reservoir storage decreased to about 81% of total capacity and was about 119% of normal when compared to the 20-year average for this date.

Raw and Treated Water Operations

- Coyote and Uvas Reservoirs continued to spill. Lexington Reservoir spilled at times during this period. Stevens Creek Reservoir spilled as the result of last week's storms
- Anderson Reservoir was below spill elevation but remains above the interim Division of Safety of Dams (DSOD) restricted level. The outlet is fully open and maximum releases to Coyote Creek are being performed to return storage to the DSOD restricted operating level.
- Coyote Reservoir remains above its permanent DSOD restricted level and the outlet remains closed until there is sufficient space in Anderson per DSOD approved operating criteria.



Storm Report

March 28 – April 11, 2017

Raw and Treated Water Operations

- Releases from all reservoirs (except for Anderson, Coyote and Uvas) are to match inflows.
- Uvas Reservoir began spilling on Jan. 5 and continues to spill.
- Supply to treatment plants continued and included both local and imported water. Penitencia Water Treatment Plant remained offline during this period.
- Percolation ponds were mostly offline due to removal of instream diversions, poor water quality in the creeks, and for planned maintenance activities.
- Maintenance work was performed on the Coyote Percolation Dam fishway to improve operation conditions. Additional repair work is still needed at the diversion before the Coyote Percolation Dam can be re-installed.

Pre-storm Preparations

- Field crews inspected trouble spots where trash and debris are known to accumulate and cleared trash and debris as necessary.

Communications

- In anticipation of this week's storms, radio ads scheduled to air later in April were moved up. Digital advertisement (*see below*) continues. Other elements of the annual campaign have concluded.



Flood Management Operations

- The District OES is continuing to conduct flood after action assessment, and participate in beginning the cost recovery processes for both the President's Day Weekend Storm and the January storms.
- The District OES is also assisting on the Coyote Creek Emergency Action Plan for Coyote Creek.

Flood Information Team (FIT)

- No FIT deployed.

Sandbags

- The District maintained sandbag sites throughout the county.

This information is based on first-hand account from District staff and other monitoring sources between March 28 and April 11, 2017. As more information is gathered, some of the information reported here may change.

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.