

11125500 Lake Cachuma near Santa Ynez, CA

Santa Ynez River Basin

LOCATION.--Lat 34°34'57", long 119°58'47" referenced to North American Datum of 1927, Santa Barbara County, CA, Hydrologic Unit 18060010, in Lomas de la Purification Grant, at Bradbury Dam on Santa Ynez River, on upstream face near left end of dam, and 6.1 mi east of Santa Ynez.

DRAINAGE AREA.--418 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 1952 to current year. Prior to October 1985, only monthend elevations, contents, and total diversions published. November 1952 to October 1960, published as "Cachuma Reservoir near Santa Ynez."

CHEMICAL DATA: Water Year 1998.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (U.S. Bureau of Reclamation benchmark). Prior to Oct. 1, 1965, nonrecording gage.

COOPERATION.--Reservoir elevation, contents, and diversion figures provided by U.S. Bureau of Reclamation. Contents not rounded to U.S. Geological Survey standards.

REMARKS.--Records for Water Year 2013 have not been furnished for review. Reservoir is formed by earth-fill dam. Storage began November 1952. Dead storage below outlet gage to river, elevation, 600 ft, 97 acre-ft, included in contents. Capacity below sill of inlet to Tecolote Tunnel, elevation, 660 ft, 26,109 acre-ft; below spillway level, elevation, 720 ft, 112,215 acre-ft; and below top of four radial gates, elevation, 750 ft, 188,030 acre-ft. Water is released from outlet to Santa Ynez River to satisfy downstream water rights. Water diverted to Tecolote Tunnel for use by City of Santa Barbara, Goleta Water District, Carpinteria Valley Water District, and Montecito Water District. Records, including extremes, represent total contents at 0800 hours. See schematic diagram of Santa Ynez River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 221,100 acre-ft, Feb. 24, 1969, elevation, 755.11 ft; minimum since initial filling in April 1958, 27,681 acre-ft, Feb. 27, 1991, elevation, 661.06 ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on surveys by U.S. Bureau of Reclamation)**

Elevation	Contents	Elevation	Contents	Elevation	Contents
680	46,647	710	92,452	740	159,637
690	59,806	720	112,215	750	188,030
700	75,020	730	134,559	760	220,052