

**Cachuma Project, California  
Historical Operational Data from the  
Annual Progress Reports on Investigations, Measurements,  
and Studies During Water Years 1958-1998**

	Water Year	Inflow		End of WY Storage acre-feet	Spills acre-feet	Member Unit Deliveries acre-feet
		Computed	% of Average			
		acre-feet	%			
DEC 886	1958	223,600	302%	196,889	35,747	9,855
	1959	18,700	25%	187,178	3,056	13,164
	1960	5,300	7%	163,149	0	15,335
	1961	3,177	4%	134,493	0	21,789
	1962	105,100	142%	190,475	17,020	16,545
	1963	8,060	11%	171,736	0	14,519
	1964	4,820	7%	141,506	0	22,213
	1965	15,360	21%	122,308	0	20,017
	1966	83,000	112%	168,926	0	22,788
	1967	210,000	283%	191,622	138,537	19,949
	1968	10,400	14%	160,871	0	25,082
	1969	525,400	709%	190,181	468,150	21,212
	1970	28,000	38%	176,407	0	28,625
	1971	31,000	42%	161,345	0	29,245
1972	8,800	12%	121,314	0	35,812	
WR 73-37	1973	125,600	170%	185,591	23,665	24,848
	1974	33,500	45%	182,039	1,405	24,200
	1975	50,544	68%	184,467	16,805	30,284
	1976	5,837	8%	145,187	0	33,427
	1977	1,910	3%	112,077	0	25,513
WR 78-10, DEC 1486, & WR 78-19	1978	329,219	444%	193,424	219,158	26,877
	1979	61,692	83%	183,949	36,385	28,424
	1980	154,425	208%	187,382	116,915	27,886
	1981	22,066	30%	168,871	0	29,021
	1982	26,849	36%	159,528	0	26,883
	1983	428,601	578%	196,347	361,675	27,209
	1984	39,074	53%	171,599	17,217	34,015
	1985	6,764	9%	135,748	0	28,339
	1986	76,571	103%	171,873	0	26,663
	1987	2,375	3%	128,352	0	32,869
WR 88-2	1988	8,733	12%	99,150	0	28,514
	1989	4,045	5%	66,098	0	25,312
WR 89-18	1990	2,628	4%	34,188	0	19,278
	1991	53,568	72%	60,995	0	19,294
	1992	135,828	183%	157,066	0	20,960
	1993	333,387	450%	177,479	280,698	26,518
WR 94-5	1994	16,694	23%	151,046	0	26,577
	1995	365,092	493%	134,855	354,107	26,024
	1996	33,243	45%	120,503	0	28,870
	1997	56,552	76%	124,771	0	30,456
	1998	475,175	641%	185,500	386,055	26,530
<b>Total</b>		<b>4,130,689</b>	<b>5574%</b>		<b>2,476,595</b>	<b>1,020,941</b>
<b>Average</b>		<b>100,749</b>	<b>136%</b>		<b>60,405</b>	<b>24,901</b>

- Notes:
1. The Inflow Percent of Average is based on the historical average annual runoff of 74,100 acre-feet estimated for the Santa Ynez River at the gaging station near the town of Santa Ynez. This average is based on 22 years of record during the period October 1929 through September 1952, excluding the no-record year of 1931-32.
  2. Computed Inflow is the algebraic sum of the change in storage, release, spill and evaporation minus precipitation on the reservoir surface.
  3. Data in the above table was taken directly from the annual progress reports as submitted to the SWRCB.
  4. In WY 1971 the inflow included approximately 5,700 acre-feet which reached Lake Cachuma after being released from storage in Gibraltar Reservoir. The remaining inflow (25,300 af) was about 34 percent of the historical average.
  5. In WY 1971 and 1972, there were 5,580 and 1,358 acre-feet, respectively, released through the Tecolote Tunnel for delivery to the City of Santa Barbara which had been temporarily stored in Lake Cachuma.
  6. In WY 1995, the water spilled down the river was due to large winter storms and a reservoir restriction which resulted from a safety of dams concern.
  7. The Member Unit Deliveries is the algebraic sum of the releases to the Santa Ynez River WCD ID #1 and the Tecolote Tunnel plus infiltration into the tunnel.