

Table H-2. 1987-1992 Drought History

Water Year ^a	Elevation (ft)	Change in Elevation (ft)	Area ^b (ac)	Average Area (ac)	Change in Volume (af)	Diverted Stream Runoff (af)	Fraction of Normal Runoff (%)	Lake Releases (af)	Other Runoff ^c (af)	Direct Precipitation ^d (in)	Precipitation Volume (af)	Evaporation Volume ^e (af)	Residual ^f (af)
1987	6,380.40	-1.57	43,904	43,400	-68,137	69,127	56.0	23,114	15,761	7.97	28,825	-173,598	37,761
1988	6,378.83	-1.90	42,895	42,185	-80,152	68,856	55.8	15,882	15,699	4.87	17,120	-168,740	39,887
1989	6,376.93	-1.00	41,475	41,071	-41,071	90,061	73.0	71,370	20,534	7.50	25,669	-164,284	5,640
1990	6,375.93	-0.76	40,667	40,360	-30,674	59,782	48.4	59,782	13,630	6.95	23,375	-161,440	33,979
1991	6,375.17	-0.60	40,053	39,815	-23,889	78,718	63.8	78,718	17,948	6.75	22,396	-159,260	16,309
1992	6,374.57	-0.77	39,577	39,280	-30,246	79,400 ^h	64.3	79,400	18,103	6.85 ⁱ	22,422	-157,120	6,949
1993	6,373.80 ^g		38,983										
Average Normal						74,324 123,405	60.2 1.000			6.82 ^j 11.00			23,421 ^k 33,780

^a Water years begin on April 1 of the year stated.

^b From Pelagos and Pacific Western Aerial Surveys data.

^c 22.8% of diverted stream runoff, based on average for 1941-1989.

^d At Cain Ranch.

^e 48 inches per year assumed.

^f Lake releases + other runoff + precipitation volume - evaporation - change volume.

^g Estimate based on September 23, 1992 elevation and average elevation change from September 1 to April 1 in last 2 years.

^h Projected by LADWP.

ⁱ Assumed, using average of 2 previous years.

^j Average direct precipitation (6.82 inches) is 0.57 feet or 63% of the historical average.

^k The average residual (23,421 af) is 69% of the historical average.