

Table 3A-6. Annual Owens Valley Runoff, Ground Water Pumping, and Los Angeles Exports

Runoff Year	Owens Valley Runoff (AF)	Owens Valley Pumping (AF)	Laws Pumping (AF)	Bishop Pumping (AF)	Big Pine Pumping (AF)	Tinemaha to Haiwee Pumping (AF)	Haiwee Inflow (AF)	Flow to Los Angeles (AF)
1940	441,898	0						204,557
1941	648,446	0						243,452
1942	522,933	131						264,215
1943	499,464	52						271,987
1944	404,037	0						274,004
1945	590,626	11					310,497	290,725
1946	487,526	34					325,089	293,932
1947	366,550	52					339,890	314,136
1948	297,689	25					298,866	283,747
1949	338,077	27					335,934	300,838
1950	356,596	23					335,072	310,900
1951	368,859	27					340,545	317,243
1952	644,955	29					331,011	314,510
1953	361,655	24					333,911	313,629
1954	377,571	27					337,577	316,589
1955	380,713	28					343,548	320,243
1956	539,761	33					342,606	318,723
1957	423,291	27					341,111	328,048
1958	588,789	26					354,824	319,975
1959	310,706	38					339,034	323,403
1960	260,242	65,096					333,006	320,001
1961	253,608	109,985					355,070	333,030
1962	482,085	9,175					347,648	326,583
1963	504,072	899					367,491	334,340
1964	307,125	25,100					327,090	332,963
1965	462,845	6,732					359,177	319,839
1966	349,868	603					337,742	319,922
1967	684,936	1,425					375,308	340,069
1968	342,457	23,914					345,769	345,846
1969	973,729	4,023					385,447	343,767
1970	407,147	34,285	9,797	0	5,058	19,430	460,219	437,413
1971	363,032	149,562	28,420	20	45,780	75,342	495,172	471,525
1972	324,924	173,008	28,345	4,180	38,120	102,363	462,559	452,019
1973	519,584	86,751	15,979	7,272	8,943	54,557	478,670	455,347
1974	488,837	78,647	4,990	197	22,506	50,954	471,760	465,176
1975	404,157	116,924	11,202	3,454	30,998	71,270	506,116	478,066
1976	291,586	118,579	16,285	6,622	27,306	68,366	406,328	399,627
1977	255,417	153,024	15,038	11,048	38,001	88,937	299,576	288,640
1978	686,471	43,207	945	0	24,418	17,844	534,256	507,285
1979	445,747	96,871	17,933	7,771	27,639	43,528	504,079	482,781
1980	683,870	45,144	1,251	13	24,211	19,669	506,452	499,167
1981	403,773	108,400	25,313	9,687	28,462	44,938	485,677	464,125
1982	751,937	45,884	1,388	3,503	22,351	18,642	529,455	503,049
1983	881,746	44,922	1,113	11	28,119	15,679	544,871	534,113
1984	560,386	61,981	7,403	4,849	28,067	21,662	543,867	506,587
1985	480,287	107,718	17,369	10,485	25,911	53,953	527,404	498,574
1986	711,372	69,887	8,600	195	25,934	35,158	537,617	506,041
1987	328,682	209,394	38,241	10,978	48,663	111,512	450,017	426,908
1988	304,064	200,443	38,841	13,008	42,817	105,777	361,256	360,208
1989	302,349	155,903	34,785	10,692	33,950	76,476	255,156	240,152
Average:	463,330	46,962	16,162	5,199	28,863	54,803	397,862	364,360

Notes: Owens Valley Runoff Includes Long and Round Valley.
Flow to Los Angeles is less than Haiwee flow due to transit losses.