

Table 2-2
Estimated Volume of Groundwater in Storage in the Chino Basin
Versus Climate Changes, Production Patterns, Volume of Local and Cyclic Storage and Artificial Recharge

Year	Storage (acre-feet) ^a		Climate Index ^b		Production (acre-feet) ^c		Volume of Local + Cyclic Storage (acre-feet)		Artificial Recharge of Imported Water (acre-feet) ^d		Landuse (acres) ^{a,e}		
	Volume	% Change	Volume	% Change	Volume	% Change	Volume	% Change	Volume	% Change	Urban	Ag	Other
1965	5,452,779	0%	-2.12	0%	199,904	0%			3,002	0%	22,975	56,680	37,201
1966	5,430,225	(0%)	-2.13	(0%)	186,264	(7%)			0	N/A	23,426	55,891	37,538
1967	5,437,743	(0%)	-1.73	19%	192,597	(4%)			526	(82%)	23,878	55,102	37,876
1968	5,445,261	(0%)	-1.88	12%	190,489	(5%)			2,229	(26%)	24,329	54,313	38,214
1969	5,422,708	(1%)	-0.83	61%	192,103	(4%)			0	N/A	24,780	53,524	38,551
1970	5,281,669	(3%)	-1.21	43%	197,057	(1%)			0	N/A	25,231	52,735	38,889
1971	5,316,929	(2%)	-1.51	29%	197,428	(1%)			0	N/A	25,683	51,946	39,227
1972	5,352,188	(2%)	-1.96	8%	166,826	(17%)			0	N/A	26,134	51,157	39,565
1973	5,387,448	(1%)	-1.85	13%	180,997	(9%)			0	N/A	26,585	50,368	39,902
1974	5,246,410	(4%)	-2.04	4%	191,536	(4%)			840	(72%)	27,037	49,579	40,240
1975	5,179,917	(5%)	-2.19	(3%)	189,637	(5%)			2,001	(33%)	27,488	48,790	40,578
1976	5,213,163	(4%)	-2.48	(17%)	174,498	(13%)			939	(69%)	28,822	47,378	40,656
1977	5,146,671	(6%)	-2.83	(33%)	163,705	(18%)			531	(82%)	30,156	45,966	40,733
1978	5,252,930	(4%)	-1.87	12%	167,410	(16%)			19,588	553%	31,490	44,554	40,811
1979	5,231,678	(4%)	-1.76	17%	167,669	(16%)	15,911	0%	829	(72%)	32,824	43,142	40,889
1980	5,210,426	(4%)	-0.74	65%	174,421	(13%)	24,715	55%	7,582	153%	34,158	41,730	40,967
1981	5,189,174	(5%)	-1.22	43%	162,814	(19%)	33,759	112%	17,183	472%	35,492	40,319	41,045
1982	5,167,922	(5%)	-1.14	47%	151,878	(24%)	36,599	130%	16,079	436%	36,826	38,907	41,123
1983	5,274,182	(3%)	0.01	100%	172,420	(14%)	55,995	252%	21,817	627%	38,160	37,495	41,201
1984	5,261,082	(4%)	-0.25	88%	176,218	(12%)	73,822	364%	0	N/A	39,494	36,083	41,279
1985	5,262,954	(3%)	-0.43	80%	167,119	(16%)	97,437	512%	18,404	513%	44,349	34,891	37,615
1986	5,264,825	(3%)	-0.13	94%	180,778	(10%)	113,362	612%	11,616	287%	49,205	33,699	33,951
1987	5,266,696	(3%)	-0.69	68%	180,115	(10%)	128,122	705%	8,586	186%	54,061	32,507	30,288
1988	5,268,568	(3%)	-0.85	60%	189,513	(5%)	165,990	943%	3,449	15%	58,916	31,315	26,624
1989	5,270,439	(3%)	-1.09	49%	164,752	(18%)	174,505	997%	6,452	115%	63,772	30,123	22,960
1990	5,272,310	(3%)	-1.46	31%			163,012	925%	3,793	26%	68,627	28,931	19,297
1991	5,259,211	(4%)	-1.53	28%			187,986	1,081%	3,310	10%	68,740	28,808	19,307
1992	5,310,462	(3%)	-1.52	28%			201,503	1,166%	8,246	175%	68,853	28,684	19,318
1993	5,300,212	(3%)	-0.36	83%			204,698	1,187%	11,566	285%	68,966	28,561	19,328
1994	5,289,962	(3%)	-0.71	67%			211,350	1,228%	23,003	666%	68,627	28,931	19,297
1995	5,279,711	(3%)	-0.08	96%			230,861	1,351%	120	(96%)	68,740	28,808	19,307
1996	5,269,461	(3%)	-0.09	96%			229,840	1,345%	82	(97%)	68,853	28,684	19,318
1997	5,320,712	(2%)	0.00	100%			223,587	1,305%	5,648	88%	68,966	28,561	19,328

(a) Italics indicates interpolated values

(b) Based on precipitation in Fontana normalized to 26.6 inches

(c) Production data is from the CIGSM Model of the Chino Basin

(d) As reported in the monthly MWD billings

(e) Adjusted land uses from JMM, SAWPA Basin Plan Upgrade Task Force, Appendices for Nitrogen and TDS Studies USAW, February 1991,