

Table 6-1
Comparison of Model-Predicted and Observed Santa Ana
River Discharge at Prado Dam
 (acre-ft)

(1)	(2)	(3)	(4)
Three-Month Period Ending	Observed Discharge at Prado Dam	Model-Predicted Discharge at Prado Dam	(4) = (3) - (2) Difference
12/31/1989	33,529	42,606	9,077
3/31/1990	52,504	63,438	10,933
6/30/1990	35,042	38,522	3,480
9/30/1990	23,742	32,172	8,430
12/31/1990	30,587	37,205	6,617
3/31/1991	92,134	116,758	24,623
6/30/1991	48,543	35,822	-12,721
9/30/1991	23,921	31,362	7,441
12/31/1991	32,200	43,561	11,361
3/31/1992	94,514	123,601	29,086
6/30/1992	47,098	40,264	-6,834
9/30/1992	24,468	36,938	12,470
12/31/1992	49,597	65,071	15,474
3/31/1993	419,393	377,967	-41,427
6/30/1993	74,281	75,683	1,402
9/30/1993	27,867	28,777	909
12/31/1993	36,065	35,446	-620
3/31/1994	63,660	67,412	3,752
6/30/1994	33,455	34,769	1,313
9/30/1994	26,380	25,237	-1,144
12/31/1994	37,940	45,391	7,451
3/31/1995	258,054	324,516	66,463
6/30/1995	91,821	84,803	-7,018
9/30/1995	41,455	27,058	-14,397
12/31/1995	34,276	32,799	-1,477
3/31/1996	89,181	105,676	16,496
6/30/1996	57,544	54,213	-3,332
9/30/1996	36,159	38,910	2,752
12/31/1996	57,380	66,270	8,890
3/31/1997	84,361	95,349	10,988
6/30/1997	49,210	51,169	1,959
9/30/1997	58,735	63,157	4,423
12/31/1997	58,992	63,034	4,042
3/31/1998	225,701	230,456	4,755
6/30/1998	121,107	111,990	-9,116
9/30/1998	56,846	44,615	-12,231
12/31/1998	46,195	46,781	586
3/31/1999	53,827	53,712	-115
6/30/1999	48,103	50,947	2,844
9/30/1999	37,636	40,861	3,225
12/31/1999	45,884	50,408	4,524
3/31/2000	82,286	79,366	-2,921
6/30/2000	46,171	47,582	1,411
9/30/2000	33,509	37,817	4,308
12/31/2000	51,348	51,664	316
3/31/2001	91,379	82,536	-8,843
6/30/2001	45,380	46,445	1,066
9/30/2001	34,453	38,756	4,303
Total	3,243,913	3,418,891	174,978
Average	67,582	71,227	3,645
Max	419,393	377,967	66,463
Min	23,742	25,237	-41,427
Standard Deviation	68,269	68,772	14,105
Coefficient of Variation	101%	97%	