

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION**

**CENTRAL VALLEY OPERATIONS OFFICE**

**REPORT OF OPERATIONS**



May 2004

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## SUMMARY OF MAY 2004 OPERATIONS

Sacramento had an average monthly temperature of 68.6 °F which was .7 °F above normal. The average temperature at Shasta Dam was 66.6 °F which was .5 °F above normal and Huntington Lake was 3.5 °F below normal with an average temperature of 42.7 °F.

Trinity System: Storage in Trinity Lake decreased 33,900 acre-feet this month to 2,192,400 acre-feet, which is 90 percent of capacity and 109 percent of the 15 year average for this date. The total inflow for the month was 229,404 acre-feet. The Trinity River release ranged between 300 to 6,000 ft<sup>3</sup>/s. Whiskeytown Lake was operated between elevations 1207.45 feet and 1209.17 feet with an end-of-month storage of 236,700 acre-feet. The releases to Clear Creek from Whiskeytown Dam were 200 ft<sup>3</sup>/s. Total diversion from the Trinity River to the Sacramento River watershed for the month was 30,399 acre-feet.

Shasta-Keswick: Storage in Shasta Lake decreased 195,800 acre-feet for an end-of-month storage of 3,863,800 acre-feet, which is 85 percent of capacity and 102 percent of the 15 year average. The total inflow for the month was 372,644 acre-feet. The release to the Sacramento River at Keswick ranged between 8,000 and 14,000 ft<sup>3</sup>/s for the month.

Folsom-Nimbus: Storage in Folsom Lake increased 4,500 acre-feet and had an end-of-month storage of 634,700 acre-feet, which is 65 percent of capacity and 85 percent of the 15 year average for this date. The total inflow for the month was 159,700 acre-feet. The release to the American River at Nimbus ranged between 1,750 and 2,500 ft<sup>3</sup>/s during the month.

New Melones: Storage in New Melones decreased 75,500 acre-feet for an end-of-month storage of 1,395,000 acre-feet or 58 percent of capacity and 102 percent of the 15 year average. The release to the Stanislaus River at Goodwin Dam ranged between 400 to 1,500 ft<sup>3</sup>/s for the month. The total inflow for the month was 69,448 acre-feet.

Delta-San Luis: Federal storage in San Luis Reservoir on May 31, 2004, was 540,000 acre-feet compared to the storage a year ago of 744,000 acre-feet.

Friant: Storage in Millerton Lake decreased 8,229 acre-feet for an end-of-month storage of 464,300 acre-feet. The total monthly inflow was 147,755 acre-feet. The release to the San Joaquin River at Friant varied between 209 and 236 ft<sup>3</sup>/s.

CVP Totals: The total diversions to CVP canals were 256,937 acre-feet. The May 31, 2004, storage in the 18 CVP reservoirs was 8,626,000 acre-feet compared to storage 1 year ago of 9,955,000 acre-feet.

Power: Gross power production for the CVP totaled 552,949 kilowatt-hours.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION  
MID-PACIFIC REGION  
MONTHLY RESERVOIR STORAGE SUMMARY IN ACRE-FEET  
(PRELIMINARY DATA SUBJECT TO REVISION)

Table 1

WATERSHED	RESERVOIR	TOTAL CAPACITY	05/31/04	05/31/03	WATERSHED	RESERVOIR	TOTAL CAPACITY	05/31/04	05/31/03
KLAMATH	CLEAR LAKE *	526,800	NA	142,710	AMERICAN	FOLSOM LAKE *CVP	976,960	634,750	962,360
	GERBER *	94,300	NA	49,650		LAKE NATOMA *CVP	9,030	7,600	7,760
	UPR KLAMATH LK *	873,300	NA	464,340	COSUMNES				41,190
TRINITY	CLAIR ENGLE LK*CVP	2,447,700	2,192,390	2,353,850	MOKELUMNE	CAMANCHE	431,500	307,970	356,870
	LEWISTON LAKE*CVP	14,660	14,380	13,830		PARDEE	210,000	180,510	190,330
	WHISKEYTOWN *CVP	241,100	236,690	238,500	SALT SPRINGS	140,000	139,360	127,800	
MCCLOUD	MCCLOUD DIV. RES	35,230	32,750	31,670	CALAVERAS	NEW HOGAN	317,100	129,700	158,260
PIT	IRON CANYON	24,240	20,460	10,020		NEW MELONES*CVP	2,420,000	1,395,000	1,459,450
	LAKE BRITTON	40,620	39,930	36,510		BEARDSLEY	97,800	74,660	94,900
	PIT NO. 6	15,890	14,610	144,560	STANISLAUS	64,320	63,000	61,100	
SACRAMENTO	PIT NO. 7	34,610	32,040	33,220	TULLOCH	67,000	64,780	65,080	
	SHASTA LAKE *CVP	4,552,000	3,863,840	4,435,990	LAKE ELEANOR	LAKE ELEANOR	26,100	27,400	25,680
	SPRING CREEK *CVP	5,900	1,610	1,540		LAKE LLOYD	268,000	273,350	258,790
	LEWISTON LAKE *CVP	23,800	22,040	21,970	TUOLUMNE	HETCH-HETCHY	360,400	361,550	361,940
RED BLUFF DIV *CVP	3,920	3,910	3,910	NEW DON PEDRO		2,030,000	1,697,050	1,675,700	
FEATHER	OROVILLE	3,538,000	3,041,820	3,512,830	TURLOCK LAKE	49,000	33,000	27,600	
	THERMALITO DIV RES	13,500	12,910	12,670	MERCED	EXCHEQUER	1,024,600	576,480	583,080
	THERMALITO FORE.	14,400	11,050	10,610		BUCHANAN	150,000	32,590	31,970
	THERMALITO AFTER.	57,000	28,940	44,600	CRANE VALLEY	45,400	40,940	44,980	
STONY CREEK	LAKE ALMANOR	1,143,000	989,970	1,016,920	LAKE T.A. EDISON	125,000	91,180	79,580	
	EAST PARK *	50,900	48,200	48,410	FLORENCE LAKE	64,600	47,460	40,100	
	STONY GORGE *	50,000	49,220	48,680	SAN JOAQUIN	MAMMOTH POOL	122,700	114,790	122,710
BLACK BUTTE *CVP	143,700	95,530	132,160	HUNTINGTON LAKE		89,800	87,510	87,710	
LAKE BERRYESSA *	1,602,300	1,540,090	1,596,310	REDINGER LAKE		35,000	24,220	24,460	
PUTAH CREEK	LAKE SOLANO *	720	660	660	SHAVER LAKE	135,400	95,940	96,250	
					MILLERTON LK *CVP	520,500	464,290	490,350	
YUBA	BULLARDS BAR	930,000	762,470	961,300	FRESNO	HIDDEN	90,000	24,740	35,520
	SO. YUBA SYSTEM	146,000	129,810	135,910		SAN LUIS **CVP	2,040,600	1,213,590	1,428,330
NARROWS	70,000	63,180	70,920	O'NEILL FORE.**CVP		56,400	41,860	40,310	
BEAR	ROLLINS	65,990	65,990	65,990	SAN LUIS	L BANOS RES**CVP	34,560	20,090	20,360
LITTLE TRUCKEE	STAMPEDE *	226,620	132,800	139,700		LT PANOCHE **CVP	5,580	780	810
TRUCKEE	BOCA *	41,140	30,200	29,900	OIL CANYON	CONTRA LOMA *CVP	2,100	2,090	2,100
	PROSSER	PROSSER CREEK *	29,840	132,800	26,400	KINGS	WISHON	128,300	62,790
TRUCKEE	LAKE TAHOE *	732,000	154,200	1,964	KAWEAH	PINE FLAT	1,001,500	612,580	743,910
	RYE PATCH *	190,000	24,400	1,990		TERMINUS	143,000	145,440	119,900
HUMBOLDT					TULE	SUCCESS	82,300	41,470	73,340
CARSON	LAHONTAN *	317,280	232,600	224,400	KERN	ISABELLA	588,100	227,730	270,310
	TWIN LAKES	21,600	19,070	20,250	CUYAMA	TWITCHHELL *	240,100	NR	NR
	FRENCH MEADOWS	136,400	108,590	127,910	SANTA YNEZ	LAKE CACHUMA *	190,500	96,560	130,570
AMERICAN	HELL HOLE	207,590	189,970	207,470	COYOTE	LAKE CASITAS *	254,000	174,840	195,300
	LOON LAKE	76,500	74,330	56,360	<b>TOTAL - 85 RESERVOIRS</b>		<b>33,715,700</b>	<b>24,371,470</b>	<b>27,427,324</b>
	ICE HOUSE	46,000	43,140	39,750	<b>TOTAL - 36 RESERVOIRS</b>		<b>18,918,310</b>	<b>12,827,010</b>	<b>14,755,754</b>
	UNION VALLEY	277,300	271,980	263,320	<b>TOTAL - 18 RESERVOIRS</b>		<b>13,498,510</b>	<b>10,210,440</b>	<b>11,654,770</b>
	SLAB CREEK	16,600	13,260	36,210					

\*\* - Joint State-Federal Reservoir

\* - USBR Reservoir

CVP - Central Valley Project

NR - Not Reported



UNITED STATES DEPARTMENT OF THE INTERIOR  
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 3

MAY 2004

SHASTA LAKE DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION C.F.S.	PRECIP INCHES	
		1000 ACRE-FEET IN LAKE	CHANGE		POWER	RIVER SPILL	OUTLET			
		4,059.8								
1	1,049.81	4,057.9	-1.9	6,647	7,265	0	0	358	.44	
2	1,049.83	4,058.4	+0.6	6,750	6,324	0	0	147	.18	
3	1,049.92	4,060.9	+2.5	7,986	6,496	0	0	236	.29	
4	1,049.98	4,062.6	+1.7	8,204	7,124	0	0	244	.30	
5	1,049.92	4,060.9	-1.7	7,612	8,212	0	0	236	.29	
6	1,049.68	4,054.3	-6.6	6,897	9,973	0	0	268	.33	
7	1,049.31	4,044.0	-10.2	7,287	12,320	0	0	122	.15	
8	1,049.01	4,035.7	-8.3	6,141	10,175	0	0	146	.18	
9	1,048.78	4,029.4	-6.3	6,939	9,975	0	0	154	.19	
10	1,048.57	4,023.6	-5.8	7,353	10,079	0	0	186	.23	
11	1,048.36	4,017.9	-5.8	6,896	9,719	0	0	89	.11	
12	1,048.13	4,011.5	-6.3	6,280	9,227	0	0	242	.30	
13	1,047.90	4,005.2	-6.3	5,919	8,860	0	0	242	.30	
14	1,047.72	4,000.3	-4.9	6,412	8,711	0	0	185	.23	
15	1,047.46	3,993.2	-7.1	5,621	9,016	0	0	193	.24	
16	1,047.25	3,987.4	-5.7	6,462	8,998	0	0	362	.45	
17	1,047.08	3,982.8	-4.7	6,350	8,455	0	0	241	.30	
18	1,046.95	3,979.2	-3.6	6,740	8,370	0	0	161	.20	
19	1,046.76	3,974.1	-5.2	5,717	8,239	0	0	88	.11	
20	1,046.64	3,970.8	-3.3	6,419	7,948	0	0	120	.15	
21	1,046.48	3,966.4	-4.4	5,928	8,038	0	0	88	.11	
22	1,046.19	3,958.5	-7.9	4,686	8,534	0	0	136	.17	
23	1,045.92	3,951.2	-7.3	4,834	8,378	0	0	160	.20	
24	1,045.71	3,945.5	-5.7	5,122	7,857	0	0	136	.17	
25	1,045.41	3,937.3	-8.1	5,352	9,222	0	0	231	.29	
26	1,045.07	3,928.1	-9.2	5,086	9,495	0	0	239	.30	
27	1,044.66	3,917.1	-11.1	5,579	10,923	0	0	239	.30	
28	1,044.24	3,905.7	-11.3	4,612	10,231	0	0	95	.12	
29	1,043.77	3,893.1	-12.7	4,710	10,954	0	0	135	.17	
30	1,043.24	3,878.8	-14.2	3,847	10,739	0	0	285	.36	
31	1,042.68	3,863.8	-15.0	3,484	10,770	0	0	276	.35	
<b>TOTALS</b>			<b>-195.8</b>	<b>187,872</b>	<b>280,627</b>	<b>0</b>	<b>0</b>	<b>6,040</b>	<b>7.51</b>	<b>.87</b>
<b>ACRE-FEET</b>			<b>-195,800</b>	<b>372,644</b>	<b>556,624</b>	<b>0</b>	<b>0</b>	<b>11,980</b>		

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION
POWER	556,624	OUTLET	0	THIS MONTH = .87
SPILL	0	TOTAL	556,624	JULY 1, 2003 TO DATE = 67.35

UNITED STATES DEPARTMENT OF THE INTERIOR  
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 4

MAY 2004

TRINITY LAKE DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	POWER	RELEASE - C.F.S.		EVAPORATION		PRECIP INCHES (1)
		1000 ACRE-FEET IN LAKE	CHANGE			SPILL	OUTLET	C.F.S.	INCHES (1)	
		2,226.2								
1	2,356.29	2,229.6	+3.4	4,919	3,098	0	0	113	.25	.00
2	2,356.65	2,235.2	+5.5	5,551	2,643	0	0	113	.25	.00
3	2,357.10	2,242.1	+6.9	6,300	2,704	0	0	100	.22	.00
4	2,357.50	2,248.3	+6.2	5,958	2,719	0	0	123	.27	.00
5	2,357.86	2,253.8	+5.6	5,479	2,542	0	0	132	.29	.00
6	2,358.10	2,257.6	+3.7	5,005	3,009	0	15	109	.24	.00
7	2,358.31	2,260.8	+3.3	4,248	2,510	0	0	96	.21	.00
8	2,358.48	2,263.4	+2.6	3,811	2,482	0	0	0	.00	.18
9	2,358.62	2,265.6	+2.2	3,421	2,198	0	0	128	.28	.00
10	2,358.75	2,267.6	+2.0	3,416	2,300	0	0	100	.22	.08
11	2,358.86	2,269.3	+1.7	3,236	2,257	0	0	119	.26	.00
12	2,358.88	2,269.6	+0.3	2,996	2,753	0	0	87	.19	.00
13	2,358.88	2,269.6	+0.0	2,968	2,881	0	0	87	.19	.00
14	2,358.85	2,269.2	-0.5	3,288	3,412	0	0	110	.24	.00
15	2,358.67	2,266.4	-2.8	4,431	3,917	0	1,816	105	.23	.00
16	2,358.36	2,261.6	-4.8	3,604	3,924	0	1,966	137	.30	.00
17	2,358.01	2,256.2	-5.4	3,281	3,942	0	1,966	109	.24	.00
18	2,357.67	2,250.9	-5.3	3,279	3,975	0	1,880	73	.16	.01
19	2,357.33	2,245.7	-5.3	3,165	3,997	0	1,744	73	.16	.00
20	2,357.00	2,240.6	-5.1	3,149	3,980	0	1,686	54	.12	.10
21	2,356.67	2,235.5	-5.1	3,168	3,976	0	1,686	68	.15	.02
22	2,356.31	2,229.9	-5.5	2,934	3,957	0	1,686	86	.19	.00
23	2,355.99	2,225.0	-4.9	3,293	3,963	0	1,686	127	.28	.00
24	2,355.63	2,219.5	-5.5	3,001	3,974	0	1,686	126	.28	.00
25	2,355.28	2,214.1	-5.4	3,073	3,982	0	1,686	113	.25	.00
26	2,354.98	2,209.5	-4.6	3,217	4,020	0	1,400	117	.26	.00
27	2,354.76	2,206.1	-3.4	3,666	4,001	0	1,226	135	.30	.00
28	2,354.55	2,202.9	-3.2	3,529	4,009	0	1,075	63	.14	.02
29	2,354.32	2,199.4	-3.5	2,765	4,023	0	421	94	.21	.00
30	2,354.09	2,195.9	-3.5	2,559	4,007	0	208	117	.26	.00
31	2,353.86	2,192.4	-3.5	3,000	4,001	0	647	121	.27	.00
<b>TOTALS</b>			<b>-33.9</b>	<b>115,710</b>	<b>105,156</b>	<b>0</b>	<b>24,480</b>	<b>3,135</b>	<b>6.91</b>	<b>.41</b>
<b>ACRE-FEET</b>			<b>-33,900</b>	<b>229,511</b>	<b>208,577</b>	<b>0</b>	<b>48,556</b>	<b>6,218</b>		

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

(1) EVAPORATION AND PRECIPITATION RECORDS TAKEN FROM STATION AT TRINITY RIVER HATCHERY.

SUMMARY

POWER	208,577	OUTLET	48,556	PRECIPITATION	
SPILL	0	TOTAL	257,133	THIS MONTH =	.41
				JULY 1, 2003 TO DATE =	32.34

UNITED STATES DEPARTMENT OF THE INTERIOR  
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 5

MAY 2004

WHISKEYTOWN LAKE DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE		COMPUTED INFLOW C.F.S. *	FROM JUDGE FRANCIS CARR PP	CLEAR CR. NATURAL FLOW	RELEASE - C.F.S.			EVAP. C.F.S. INCHES	PRECIP INCHES	
		1000 ACRE-FEET IN LAKE	CHANGE				TO CLEAR CR (1) OUTLETS	SPILL	TO SPRING CR. PP			
		231.8										
1	1,207.45	233.0	+1.2	2,816	2,568	248	200	0	2,010	17	.18	.00
2	1,207.68	233.7	+0.7	2,591	2,312	279	200	0	2,001	24	.26	.00
3	1,207.93	234.5	+0.8	2,602	2,408	194	200	0	1,990	14	.15	.00
4	1,208.22	235.4	+0.9	2,704	2,417	287	200	0	2,020	20	.21	.00
5	1,208.65	236.8	+1.4	1,735	1,501	234	200	0	818	28	.30	.00
6	1,208.94	237.7	+0.9	692	570	122	200	0	14	14	.15	.00
7	1,209.08	238.2	+0.4	824	591	233	200	0	378	21	.22	.00
8	1,209.11	238.2	+0.1	262	118	144	200	0	14	0	.00	.01
9	1,209.10	238.2	+0.0	226	118	108	200	0	14	28	.30	.00
10	1,209.16	238.4	+0.2	330	167	163	200	0	14	19	.20	.06
11	1,209.17	238.4	+0.0	240	14	226	200	0	14	10	.11	.00
12	1,209.17	238.4	+0.0	225	118	107	200	0	14	11	.12	.00
13	1,209.17	238.4	+0.0	229	118	111	200	0	14	15	.16	.00
14	1,209.15	238.4	-0.1	209	118	91	200	0	18	23	.25	.00
15	1,209.13	238.3	-0.1	210	116	94	200	0	14	28	.30	.00
16	1,209.12	238.3	+0.0	221	118	103	200	0	14	23	.25	.00
17	1,209.11	238.2	+0.0	406	266	140	200	0	205	17	.18	.00
18	1,209.10	238.2	+0.0	200	118	82	200	0	16	0	.00	.28
19	1,209.10	238.2	+0.0	217	121	96	200	0	14	3	.03	.00
20	1,209.13	238.3	+0.1	265	142	123	200	0	14	3	.03	.10
21	1,209.14	238.3	+0.0	244	127	117	200	0	14	14	.15	.00
22	1,209.13	238.3	+0.0	212	118	94	200	0	14	14	.15	.01
23	1,209.09	238.2	-0.1	177	118	59	200	0	14	28	.30	.00
24	1,209.04	238.0	-0.2	144	118	26	200	0	16	9	.10	.00
25	1,208.99	237.9	-0.2	145	118	27	200	0	14	12	.13	.00
26	1,208.92	237.6	-0.2	121	118	3	200	0	14	19	.20	.00
27	1,208.89	237.5	-0.1	187	118	69	200	0	14	21	.22	.00
28	1,208.82	237.3	-0.2	116	118	-2	200	0	14	14	.15	.00
29	1,208.75	237.1	-0.2	130	118	12	200	0	14	28	.30	.00
30	1,208.68	236.9	-0.2	144	118	26	200	0	14	42	.45	.00
31	1,208.62	236.7	-0.2	151	118	33	200	0	14	33	.35	.00
<b>TOTALS</b>			<b>+4.9</b>	<b>18,975</b>	<b>15,326</b>	<b>3,649</b>	<b>6,200</b>	<b>0</b>	<b>9,766</b>	<b>552</b>	<b>5.90</b>	<b>.46</b>
<b>ACRE-FEET</b>			<b>+4.9</b>	<b>37,637</b>	<b>30,399</b>	<b>7,238</b>	<b>12,298</b>	<b>0</b>	<b>19,371</b>	<b>1,095</b>		

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

(1) WATER TO CLEAR CREEK BEING DISCHARGED THROUGH 972.00-1110.00 ELEVATION OUTLET.

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	19,371	OUTLET	12,298	THIS MONTH	.46
SPILL	0	TOTAL	31,669	JULY 1, 2003 TO DATE	59.97



UNITED STATES DEPARTMENT OF THE INTERIOR  
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 6

MAY 2004

LEWISTON LAKE DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			JUDGE FRANCIS CARR POWERPLANT	EVAPORATION (2)	
		IN LAKE	CHANGE		POWER	RIVER OUTLETS (1)	SPILL		C.F.S.	INCHES
		14,113								
1	1,901.73	14,457	+344	3,047	80	30	190	2,568	6	.25
2	1,901.76	14,479	+22	2,629	80	30	190	2,312	6	.25
3	1,901.63	14,382	-97	2,664	80	30	190	2,408	5	.22
4	1,901.63	14,382	+0	2,723	80	30	190	2,417	6	.27
5	1,901.40	14,210	-172	2,530	80	30	1,000	1,501	6	.29
6	1,901.83	14,532	+322	3,191	80	30	2,344	570	5	.24
7	1,900.90	13,837	-695	2,746	80	30	2,390	591	5	.21
8	1,901.63	14,382	+545	2,893	80	30	2,390	118	0	.00
9	1,901.72	14,450	+68	2,658	80	30	2,390	118	6	.28
10	1,901.53	14,307	-143	2,600	80	30	2,390	167	5	.22
11	1,901.20	14,061	-246	2,396	80	30	2,390	14	6	.26
12	1,901.47	14,263	+202	3,059	80	37	2,718	118	4	.19
13	1,901.62	14,375	+112	3,178	80	40	2,880	118	4	.19
14	1,901.81	14,517	+142	4,112	80	40	3,797	118	5	.24
15	1,901.20	14,061	-456	4,707	80	40	4,696	116	5	.23
16	1,901.25	14,098	+37	6,144	80	40	5,880	118	7	.30
17	1,901.08	13,971	-127	6,207	68	52	5,880	266	5	.24
18	1,901.31	14,143	+172	6,209	47	73	5,880	118	4	.16
19	1,901.28	14,120	-23	6,113	80	40	5,880	121	4	.16
20	1,901.17	14,038	-82	6,104	80	40	5,880	142	3	.12
21	1,901.26	14,105	+67	6,164	80	40	5,880	127	3	.15
22	1,901.48	14,270	+165	6,203	80	40	5,880	118	2	.19
23	1,901.39	14,203	-67	6,090	80	40	5,880	118	6	.28
24	1,901.28	14,120	-83	6,082	80	40	5,880	118	6	.28
25	1,901.19	14,053	-67	6,085	80	40	5,876	118	5	.25
26	1,901.11	13,993	-60	5,793	80	40	5,580	118	5	.26
27	1,901.20	14,061	+68	5,559	80	40	5,280	118	7	.30
28	1,901.45	14,248	+187	5,415	80	40	5,080	118	3	.14
29	1,901.20	14,061	-187	4,829	80	40	4,680	118	5	.21
30	1,900.76	13,734	-327	4,459	80	40	4,380	118	6	.26
31	1,901.62	14,375	+641	4,943	80	40	4,376	118	6	.27
<b>TOTALS</b>			<b>+262</b>	<b>137,532</b>	<b>2,435</b>	<b>1,172</b>	<b>118,317</b>	<b>15,326</b>	<b>151</b>	<b>6.91</b>
<b>ACRE-FEET</b>			<b>+262</b>	<b>272,795</b>	<b>4,830</b>	<b>2,325</b>	<b>234,682</b>	<b>30,399</b>	<b>300</b>	

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

(1) OUTLET RELEASE INCLUDES THE CONTINUOUS FISH RELEASE OF 75 C.F.S.

(2) INCHES OF EVAPORATION TAKEN FROM PAN AT TRINITY RIVER HATCHERY

SUMMARY			
RELEASE (ACRE-FEET)			
TOTAL POWER	4,830	JUDGE FRANCIS CARR POWERPLANT	30,399
TOTAL RIVER	241,837	TOTAL RELEASE	272,236

UNITED STATES DEPARTMENT OF THE INTERIOR  
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 7

MAY 2004

SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.		— SPRING CR DEBRIS DAM —		**KES COPPER MG/L
		ACRE-FEET IN LAKE	CHANGE		SPILL	OUTLET	TIME	COPPER ZINC	
		1,260							
1	721.91	1,256	-4	8	0	10			
2	721.78	1,251	-5	7	0	10			
3	721.56	1,243	-8	6	0	10			
4	721.67	1,247	+4	8	0	6			
5	722.05	1,261	+14	7	0	0			
6	722.50	1,278	+17	9	0	0			
7	722.88	1,292	+14	7	0	0			
8	723.27	1,306	+14	7	0	0			
9	723.54	1,317	+11	6	0	0			
10	723.93	1,331	+14	7	0	0			
11	724.30	1,346	+15	8	0	0			
12	724.54	1,355	+9	5	0	0			
13	724.90	1,369	+14	7	0	0			
14	725.19	1,380	+11	6	0	0			
15	725.48	1,392	+12	6	0	0			
16	725.71	1,401	+9	5	0	0			
17	726.00	1,412	+11	6	0	0			
18	726.32	1,425	+13	7	0	0			
19	726.53	1,433	+8	4	0	0			
20	726.91	1,448	+15	8	0	0			
21	727.28	1,463	+15	8	0	0			
22	727.50	1,473	+10	5	0	0			
23	727.70	1,481	+8	4	0	0			
24	728.01	1,493	+12	6	0	0			
25	728.40	1,509	+16	8	0	0			
26	728.86	1,528	+19	10	0	0			
27	729.34	1,548	+20	10	0	0			
28	729.79	1,567	+19	10	0	0			
29	730.08	1,579	+12	6	0	0			
30	730.51	1,597	+18	9	0	0			
31	730.91	1,614	+17	9	0	0			
<b>TOTALS</b>			<b>+354</b>	<b>219</b>	<b>0</b>	<b>36</b>			
<b>ACRE-FEET</b>			<b>+354</b>	<b>434</b>	<b>0</b>	<b>71</b>			

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

SUMMARY

RELEASE (ACRE-FEET)	
SPILL	0
OUTLET	71
TOTAL	71

UNITED STATES DEPARTMENT OF THE INTERIOR  
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 8

MAY 2004

KESWICK RESERVOIR DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE ACRE-FEET RES.	CHANGE	COMPUTED* INFLOW C.F.S.	SPRING CR. P. P. RELEASE	SHASTA RELEASE C.F.S	POWER	RELEASE - C.F.S. SPILL	FISHTRAP	EVAP C.F.S. (1)
		21,313								
1	585.16	22,607	+1,294	9,611	2,010	7,265	8,866	0	85	8
2	584.55	22,229	-378	8,782	2,001	6,324	8,885	0	85	3
3	584.00	21,890	-339	8,998	1,990	6,496	9,079	0	85	5
4	584.52	22,211	+321	9,757	2,020	7,124	9,505	0	85	5
5	583.13	21,362	-849	9,595	818	8,212	9,933	0	85	5
6	581.06	20,135	-1,227	10,573	14	9,973	11,101	0	85	6
7	584.36	22,112	+1,977	13,322	378	12,320	12,237	0	85	3
8	584.06	21,927	-185	10,375	14	10,175	10,380	0	85	3
9	582.92	21,235	-692	10,084	14	9,975	10,345	0	85	3
10	582.31	20,871	-364	10,183	14	10,079	10,278	0	85	4
11	583.61	21,653	+782	9,865	14	9,719	9,384	0	85	2
12	584.81	22,390	+737	9,378	14	9,227	8,916	0	85	5
13	584.64	22,285	-105	8,968	14	8,860	8,931	0	85	5
14	584.02	21,902	-383	8,837	18	8,711	8,941	0	85	4
15	584.43	22,155	+253	9,151	14	9,016	8,934	0	85	4
16	585.20	22,633	+478	9,269	14	8,998	8,935	0	85	8
17	585.54	22,846	+213	9,084	205	8,455	8,886	0	85	6
18	585.32	22,708	-138	8,307	16	8,370	8,288	0	85	4
19	585.24	22,658	-50	8,316	14	8,239	8,254	0	85	2
20	585.34	22,721	+63	8,036	14	7,948	7,916	0	85	3
21	585.48	22,808	+87	8,099	14	8,038	7,968	0	85	2
22	586.22	23,275	+467	8,701	14	8,534	8,378	0	85	3
23	586.03	23,154	-121	8,457	14	8,378	8,429	0	85	4
24	584.04	21,915	-1,239	7,973	16	7,857	8,510	0	85	3
25	583.73	21,726	-189	9,435	14	9,222	9,440	0	85	5
26	583.86	21,805	+79	9,665	14	9,495	9,535	0	85	5
27	585.43	22,777	+972	10,999	14	10,923	10,418	0	85	6
28	584.72	22,334	-443	10,347	14	10,231	10,483	0	85	2
29	584.79	22,377	+43	11,072	14	10,954	10,962	0	85	3
30	584.17	21,995	-382	10,846	14	10,739	10,947	0	85	7
31	584.25	22,044	+49	11,040	14	10,770	10,924	0	85	6
<b>TOTALS</b>			<b>+731</b>	<b>297,125</b>	<b>9,766</b>	<b>280,627</b>	<b>293,988</b>	<b>0</b>	<b>2,635</b>	<b>134</b>
<b>ACRE-FEET</b>			<b>+731</b>	<b>589,347</b>	<b>19,371</b>	<b>556,624</b>	<b>583,125</b>	<b>0</b>	<b>5,227</b>	<b>266</b>

\*COMPUTED INFLOW IS SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION.  
 (1) EVAPORATION RECORDS TAKEN FROM SHASTA PAN.

**SUMMARY**  
 RELEASE (ACRE-FEET)

POWER	583,125
SPILL	0
FISH TRAP	5,227

MAY 2004

RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEVATION	STORAGE		RELEASE C.F.S		RELEASE TO SACTO RIVER
		IN LAKE	ACRE-FEET CHANGE	CORNING CANAL	TEHAMA COLUSA CANAL	
		384				
1	239.34	391	+7	49	267	10,314
2	239.40	398	+7	43	277	10,465
3	239.39	397	-1	28	297	10,402
4	239.38	396	-1	57	259	10,966
5	239.50	410	+14	48	254	11,875
6	239.84	451	+41	53	265	12,623
7	239.89	457	+6	43	223	11,714
8	252.61	3,978	+3,521	54	854	13,470
9	252.55	3,948	-30	33	1,357	13,470
10	252.54	3,943	-5	17	911	13,470
11	252.51	3,928	-15	27	1,166	12,270
12	252.52	3,933	+5	37	769	10,110
13	252.51	3,928	-5	39	923	9,510
14	252.50	3,924	-4	47	1,076	9,390
15	252.55	3,948	+24	44	1,104	9,510
16	252.53	3,938	-10	24	950	9,390
17	252.57	3,958	+20	48	878	9,390
18	252.49	3,919	-39	30	896	9,270
19	252.54	3,943	+24	22	805	8,910
20	252.49	3,919	-24	80	868	9,030
21	252.55	3,948	+29	31	728	8,910
22	252.57	3,958	+10	41	788	8,790
23	252.57	3,958	+0	32	676	8,910
24	252.52	3,933	-25	33	656	9,150
25	252.52	3,933	+0	33	656	9,150
26	252.59	3,968	+35	68	1,045	9,870
27	252.49	3,919	-49	70	1,088	9,750
28	252.61	3,978	+59	64	984	11,070
29	252.50	3,924	-54	48	719	11,070
30	252.51	3,928	+4	57	830	11,790
31	252.47	3,909	-19	36	661	11,950
<b>TOTALS</b>			<b>+3,525</b>	<b>1,336</b>	<b>23,230</b>	<b>325,959</b>
<b>ACRE-FEET</b>			<b>+3,525</b>	<b>2,650</b>	<b>46,077</b>	<b>646,540</b>

**SUMMARY**

RELEASE (ACRE-FEET)

CORNING CANAL	2,650
TEHAMA-COLUSA CANAL	46,077
TO SACTO RIVER	646,540
<b>TOTAL</b>	<b>695,267</b>

DAILY OPERATION OF BLACK BUTTE RESERVOIR, STONY CREEK, CALIFORNIA

May 2004

Date	Midnight	Storage Change (ac-ft)	Mean Inflow (sfd)	----- Mean Outflow -----					Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)	Total U S Storage (ac-ft)	Top Con Storage (ac-ft)
	Elev (ft)			Storage (ac-ft)	Total (sfd)	River (sfd)	[1] (sfd)	[2] (sfd)					
1	467.35	110720	-1176	489	1046	837	204	5	71	0.32	0	94813	136200
2	467.08	109667	-1053	476	971	754	212	5	71	0.32	0	94529	136200
3	466.84	108735	-932	481	915	701	209	5	71	0.32	0	94227	136200
4	466.6	107808	-927	453	884	695	184	5	73	0.33	0	93847	136200
5	466.34	106808	-1000	463	928	743	180	5	77	0.35	0	93510	136200
6	466.04	105660	-1148	360	899	734	160	5	78	0.36	0	94008	136200
7	465.85	104936	-724	216	559	403	151	5	43	0.2	0.31	94008	136200
8	465.79	104708	-228	175	268	148	115	5	43	0.2	0	94280	136200
9	465.72	104442	-266	121	221	123	93	5	67	0.31	0.03	94569	136200
10	465.67	104253	-189	158	226	111	110	5	54	0.25	0	94786	136200
11	465.61	104025	-228	141	226	88	133	5	60	0.28	0	95098	136200
12	465.54	103761	-264	146	244	96	143	5	69	0.32	0	95323	136200
13	465.44	103383	-378	143	298	116	177	5	71	0.33	0	95561	136200
14	465.3	102855	-528	128	363	136	222	5	62	0.29	0	95787	136200
15	465.14	102254	-601	125	394	146	243	5	68	0.32	0	96000	136200
16	464.98	101655	-599	120	389	146	238	5	66	0.31	0	96183	136200
17	464.83	101094	-561	114	370	147	218	5	53	0.25	0.55	96387	136200
18	464.72	100684	-410	161	341.4	147	193	1.4	53	0.25	0	96565	136200
19	464.58	100163	-521	99	334	154	180	0	55	0.26	0.02	96793	136200
20	464.47	99755	-408	116	296	152	144	0	51	0.24	0	97015	136200
21	464.37	99385	-370	101	262.7	125	134	3.7	49	0.23	0	97249	136200
22	464.29	99089	-296	86	212	111	96	5	46	0.22	0	97435	136200
23	464.23	98867	-222	126	211	115	91	5	53	0.25	0	97615	136200
24	464.12	98461	-406	94	268	132	131	5	61	0.29	0	97783	136200
25	464	98020	-441	111	304	134	165	5	59	0.28	0	97906	136200
26	463.85	97469	-551	104	351	140	206	5	61	0.29	0	97773	136200
27	463.75	97102	-367	208	370	143	222	5	46	0.22	0.01	97665	136200
28	463.64	96700	-402	186	360	145	210	5	56	0.27	0	97514	136200
29	463.53	96298	-402	210	371	153	213	5	83	0.4	0	97432	136200
30	463.42	95898	-400	178	342	151	186	5	75	0.36	0	97337	136200
31	463.32	95534	-364	200	346	158	183	5	75	0.36	0	97235	136200
Totals	(sfd)			6289	13570.1	8084	5346	140.1					
Totals	(ac-ft)		-16362	12474	26916.3	16034.6			1920				
Totals	(inches)									8.98	0.92		

[1] South Diversion Canal, [2] Wakerman Ranch Diversion above South Diversion Canal Measuring Weir

\*\*\* Preliminary - Data Subject to Revision \*\*\*

UNITED STATES DEPARTMENT OF THE INTERIOR  
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 11

MAY 2004

FOLSOM LAKE DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	POWER	RELEASE - C.F.S.		PUMPING PLANT	EVAPORATION		PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE			RIVER SPILL	OUTLET		C.F.S.	INCHES	
		630.2									
1	431.89	630.7	+0.5	2,907	2,430	0	0	237	12	.04	.00
2	431.99	631.6	+0.9	3,245	2,508	0	0	242	39	.13	.00
3	432.08	632.4	+0.8	3,246	2,580	0	0	245	9	.03	.00
4	432.36	634.9	+2.5	4,247	2,550	0	0	243	169	.56	.00
5	432.61	637.2	+2.3	3,899	2,363	0	0	228	161	.53	.00
6	432.79	638.8	+1.6	3,710	2,553	0	0	228	103	.34	.00
7	432.98	640.6	+1.7	3,714	2,541	0	0	237	64	.21	.00
8	432.90	639.8	-0.7	2,532	2,603	0	0	238	58	.19	.00
9	432.83	639.2	-0.6	2,511	2,528	0	0	241	64	.21	.00
10	432.90	639.8	+0.6	3,109	2,494	0	0	229	64	.21	.00
11	432.88	639.7	-0.2	2,731	2,463	0	0	229	131	.43	.00
12	432.77	638.7	-1.0	2,351	2,496	0	0	233	127	.42	.00
13	432.71	638.1	-0.5	2,624	2,560	0	0	245	94	.31	.00
14	432.60	637.1	-1.0	2,699	2,947	0	0	245	12	.04	.00
15	432.54	636.6	-0.5	2,623	2,612	0	0	244	42	.14	.00
16	432.62	637.3	+0.7	2,813	2,159	0	0	245	42	.14	.00
17	432.61	637.2	-0.1	2,438	2,134	0	0	244	106	.35	.00
18	432.59	637.0	-0.2	2,321	2,096	0	0	238	79	.26	.00
19	432.60	637.1	+0.1	2,294	1,996	0	0	237	15	.05	.00
20	432.61	637.2	+0.1	2,360	1,998	0	0	237	79	.26	.00
21	432.63	637.4	+0.2	2,206	1,814	0	0	242	58	.19	.00
22	432.62	637.3	-0.1	2,071	1,825	0	0	243	49	.16	.00
23	432.50	636.2	-1.1	1,759	2,002	0	0	235	73	.24	.00
24	432.36	634.9	-1.3	1,424	1,736	0	0	249	82	.27	.00
25	432.32	634.6	-0.4	1,932	1,821	0	0	247	48	.16	.00
26	432.30	634.4	-0.2	1,975	1,815	0	0	246	6	.02	.00
27	432.24	633.8	-0.5	1,890	1,907	0	0	243	15	.05	.00
28	432.24	633.8	+0.0	2,102	1,873	0	0	217	12	.04	.00
29	432.26	634.0	+0.2	2,244	1,887	0	0	223	42	.14	.00
30	432.28	634.2	+0.2	2,086	1,747	0	0	247	0	.00	.00
31	432.34	634.7	+0.5	2,451	1,818	0	0	255	103	.34	.00
<b>TOTALS</b>			<b>+4.5</b>	<b>80,514</b>	<b>68,856</b>	<b>0</b>	<b>0</b>	<b>7,412</b>	<b>1,958</b>	<b>6.46</b>	<b>.00</b>
<b>ACRE-FEET</b>			<b>+4,500</b>	<b>159,700</b>	<b>136,576</b>	<b>0</b>	<b>0</b>	<b>14,702</b>	<b>3,884</b>		

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, PUMPING AND EVAPORATION.

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	136,576	OUTLET	0	THIS MONTH =	.00
SPILL	0	TOTAL	151,278	JULY 1, 2003 TO DATE =	19.34
PUMPING PLANT	14,702				

UNITED STATES DEPARTMENT OF THE INTERIOR  
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 12

MAY 2004

LAKE NATOMA DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE ACRE-FEET		COMPUTED* INFLOW C.F.S.	FOLSOM SOUTH CANAL	RELEASE - C.F.S.			EVAP C.F.S. (1)
		IN LAKE	CHANGE			POWER	SPILL	HATCHERY	
1	123.55	8,205	-155	2,484	40	2,461	0	60	1
2	123.56	8,050	+4	2,565	40	2,461	0	60	2
3	123.89	8,209	+155	2,626	40	2,448	0	60	0
4	123.84	8,186	-23	2,553	40	2,458	0	60	7
5	123.26	7,913	-273	2,411	40	2,442	0	60	7
6	123.34	7,951	+38	2,555	40	2,432	0	60	4
7	123.25	7,909	-42	2,506	40	2,424	0	60	3
8	123.45	8,003	+94	2,569	20	2,440	0	60	2
9	123.47	8,012	+9	2,518	20	2,430	0	60	3
10	123.39	7,974	-38	2,509	22	2,443	0	60	3
11	123.18	7,876	-98	2,480	29	2,434	0	60	6
12	123.06	7,819	-57	2,511	40	2,435	0	60	5
13	123.00	7,791	-28	2,546	54	2,442	0	60	4
14	123.22	7,894	+103	2,731	60	2,558	0	60	1
15	123.59	8,068	+174	2,354	50	2,154	0	60	2
16	123.76	8,148	+80	2,112	50	1,960	0	60	2
17	123.96	8,242	+94	2,128	50	1,966	0	60	5
18	124.00	8,261	+19	2,081	53	1,955	0	60	3
19	123.77	8,153	-108	2,028	55	1,962	4	60	1
20	123.73	8,134	-19	1,967	55	1,858	1	60	3
21	123.78	8,158	+24	1,839	55	1,710	0	60	2
22	123.67	8,106	-52	1,804	55	1,713	0	60	2
23	124.23	8,376	+270	1,964	57	1,708	0	60	3
24	123.70	8,120	-256	1,659	60	1,665	0	60	3
25	123.40	7,979	-141	1,743	60	1,692	0	60	2
26	123.06	7,819	-160	1,732	51	1,702	0	60	0
27	123.25	7,909	+90	1,782	45	1,631	0	60	1
28	123.14	7,857	-52	1,779	45	1,699	0	60	1
29	123.24	7,904	+47	1,834	45	1,703	0	60	2
30	122.89	7,742	-162	1,716	45	1,693	0	60	0
31	122.58	7,602	-140	1,738	42	1,703	0	60	4
<b>TOTALS</b>			<b>-603</b>	<b>67,824</b>	<b>1,398</b>	<b>64,782</b>	<b>5</b>	<b>1,860</b>	<b>84</b>
<b>ACRE-FEET</b>			<b>-603</b>	<b>134,529</b>	<b>2,773</b>	<b>128,495</b>	<b>10</b>	<b>3,689</b>	<b>167</b>

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

(1) INCHES OF EVAPORATION TAKEN FROM FOLSOM PAN.

SUMMARY

	RELEASES (ACRE-FEET)			RELEASES (ACRE-FEET)	
POWER	128,495	FOLSOM SOUTH CANAL	2,773	TOTAL	134,967
SPILL	10	HATCHERY	3,689		

UNITED STATES DEPARTMENT OF THE INTERIOR  
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 13

MAY 2004

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	POWER	RELEASE - C.F.S.			EVAPORATION		PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE			SPILL	OUTLET	C.F.S.	INCHES		
		1,470.5									
1	999.59	1,467.4	-3.1	1,524	2,967	0	0	128	.43	.00	
2	999.36	1,465.3	-2.1	1,375	2,361	0	0	77	.26	.00	
3	999.26	1,464.4	-0.9	1,925	2,271	0	0	116	.39	.00	
4	999.06	1,462.6	-1.8	1,685	2,479	0	0	130	.44	.00	
5	999.02	1,462.2	-0.4	2,117	2,187	0	0	115	.39	.00	
6	998.89	1,461.0	-1.2	1,859	2,359	0	0	98	.33	.00	
7	998.73	1,459.5	-1.5	1,508	2,150	0	0	95	.32	.00	
8	998.52	1,457.6	-1.9	1,358	2,235	0	0	89	.30	.00	
9	998.28	1,455.4	-2.2	1,100	2,122	0	0	83	.28	.00	
10	998.07	1,453.5	-1.9	1,268	2,172	0	0	62	.21	.00	
11	997.89	1,451.9	-1.6	1,294	2,055	0	0	65	.22	.00	
12	997.68	1,450.0	-1.9	1,263	2,129	0	0	97	.33	.00	
13	997.37	1,447.1	-2.8	1,101	2,441	0	0	82	.28	.00	
14	997.07	1,444.4	-2.7	1,136	2,379	0	0	132	.45	.00	
15	996.61	1,440.2	-4.2	960	2,974	0	0	88	.30	.00	
16	996.08	1,435.4	-4.8	747	3,088	0	0	79	.27	.00	
17	995.58	1,430.9	-4.5	1,037	3,222	0	0	91	.31	.00	
18	995.03	1,426.0	-5.0	670	3,086	0	0	87	.30	.00	
19	994.65	1,422.5	-3.4	862	2,504	0	0	81	.28	.00	
20	994.28	1,419.2	-3.3	841	2,431	0	0	87	.30	.00	
21	993.93	1,416.1	-3.1	804	2,299	0	0	90	.31	.00	
22	993.61	1,413.2	-2.9	881	2,238	0	0	87	.30	.00	
23	993.30	1,410.4	-2.8	806	2,131	0	0	75	.26	.00	
24	993.08	1,408.5	-2.0	631	1,549	0	0	75	.26	.00	
25	992.87	1,406.6	-1.9	869	1,727	0	0	87	.30	.00	
26	992.65	1,404.6	-2.0	772	1,681	0	0	81	.28	.00	
27	992.41	1,402.5	-2.1	806	1,796	0	0	89	.31	.00	
28	992.21	1,400.7	-1.8	962	1,777	0	0	84	.29	.23	
29	992.00	1,398.8	-1.9	1,038	1,942	0	0	40	.14	.00	
30	991.75	1,396.6	-2.2	911	1,953	0	0	78	.27	.00	
31	991.57	1,395.0	-1.6	903	1,611	0	0	98	.34	.00	
<b>TOTALS</b>			<b>-75.5</b>	<b>35,013</b>	<b>70,316</b>	<b>0</b>	<b>0</b>	<b>2,766</b>	<b>9.45</b>	<b>.23</b>	
<b>ACRE-FEET</b>			<b>-75,500</b>	<b>69,448</b>	<b>139,472</b>	<b>0</b>	<b>0</b>	<b>5,486</b>			

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	139,472	OUTLET	0	THIS MONTH =	.23
SPILL	0	TOTAL	139,472	JULY 1, 2003 TO DATE =	20.08



OAKDALE IRRIGATION DISTRICT  
 SOUTH SAN JOAQUIN IRRIGATION DISTRICT  
 TRI DAMS PROJECT-CALIFORNIA

MAY 2004

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: October 25, 2004

DAY	ELEV	STORAGE ACRE-FEET RES. CHANGE		TULLOCH RELEASE	RELEASE - C.F.S.			
					RIVER		CANALS	
				OUTLET	SPILL	JOINT MAIN	SOUTH MAIN	
		581						
1	360.60	579	-2	2,628	0	1,150	1,070	298
2	360.55	576	-3	2,500	0	1,030	1,060	300
3	360.46	569	-7	2,370	0	874	1,060	323
4	360.27	556	-13	2,232	0	660	1,100	363
5	360.30	558	+2	2,242	0	632	1,120	379
6	360.27	556	-2	2,244	0	634	1,120	379
7	360.27	556	+0	2,244	0	633	1,120	379
8	360.27	556	+0	2,234	0	632	1,120	379
9	360.27	556	+0	2,231	0	633	1,120	379
10	360.27	556	+0	2,212	0	638	1,100	370
11	360.27	556	+0	2,144	0	639	1,080	344
12	360.38	564	+8	2,205	0	777	1,050	331
13	360.50	572	+8	2,413	0	1,010	1,050	332
14	360.63	581	+9	2,631	0	1,210	1,070	348
15	360.71	587	+6	2,981	0	1,430	1,100	370
16	360.71	587	+0	3,029	0	1,440	1,110	380
17	360.71	587	+0	3,019	0	1,440	1,120	353
18	360.71	587	+0	3,005	0	1,440	1,130	335
19	360.57	577	-10	2,769	0	1,210	1,100	346
20	360.44	568	-9	2,478	0	919	1,090	369
21	360.30	558	-10	2,227	0	694	1,090	383
22	360.19	550	-8	2,022	0	504	1,080	382
23	360.19	550	+0	2,005	0	494	1,080	372
24	360.13	546	-4	1,935	0	438	1,060	354
25	360.13	546	+0	1,834	0	395	1,030	329
26	360.13	546	+0	1,843	0	395	1,040	307
27	360.13	546	+0	1,927	0	396	1,080	326
28	360.13	546	+0	1,956	0	394	1,100	348
29	360.11	545	-1	1,952	0	392	1,100	365
30	360.13	546	+1	1,946	0	391	1,090	364
31	360.13	546	+0	1,952	0	396	1,090	371
<b>TOTALS</b>			<b>-35</b>	<b>71,410</b>	<b>0</b>	<b>23,920</b>	<b>33,730</b>	<b>10,958</b>
<b>ACRE-FEET</b>			<b>-35</b>	<b>141,642</b>	<b>0</b>	<b>47,445</b>	<b>66,903</b>	<b>21,735</b>

JOINT MAIN OPERATED BY SSJID AND OID.  
 SOUTH MAIN OPERATED BY OID.

**SUMMARY**  
 RELEASE (ACRE-FEET)

JOINT MAIN CANAL	66,903	OUTLET	0
SOUTH MAIN CANAL	21,735	SPILL	47,445
		TOTAL	136,083

UNITED STATES DEPARTMENT OF THE INTERIOR  
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 15

MAY 2004

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.				EVAPORATION C.F.S.	PRECIP INCHES
		1000 ACRE- FEET IN LAKE	CHANGE		CANALS		RIVER			
					MADERA	FRIANT-KERN	SPILL	OUTLET		
		472.5								
1	568.35	474.4	+1.9	2,882	507	1,143	0	212	57	.38
2	568.68	476.0	+1.5	2,772	490	1,247	0	212	48	.32
3	569.02	477.6	+1.6	3,017	534	1,437	0	213	33	.22
4	569.02	477.6	+0.0	2,405	579	1,557	0	213	56	.37
5	569.09	477.9	+0.3	2,641	583	1,629	0	213	51	.34
6	569.16	478.2	+0.3	2,600	589	1,592	0	209	44	.29
7	569.25	478.6	+0.4	2,514	583	1,445	0	209	64	.42
8	569.32	479.0	+0.3	2,204	558	1,210	0	209	62	.41
9	569.48	479.7	+0.8	2,428	503	1,293	0	209	44	.29
10	569.39	479.3	-0.4	2,002	508	1,457	0	209	41	.27
11	569.35	479.1	-0.2	2,113	509	1,441	0	209	48	.32
12	569.59	480.2	+1.1	2,710	481	1,399	0	210	52	.34
13	569.84	481.4	+1.2	2,731	487	1,399	0	210	44	.29
14	569.93	481.8	+0.4	2,243	497	1,293	0	210	30	.20
15	570.14	482.8	+1.0	2,357	497	1,087	0	211	65	.43
16	570.41	484.1	+1.3	2,500	435	1,167	0	211	47	.31
17	570.57	484.8	+0.8	2,416	407	1,367	0	211	52	.34
18	570.72	485.5	+0.7	2,580	461	1,504	0	211	49	.32
19	570.64	485.2	-0.4	2,118	444	1,604	0	211	49	.32
20	570.66	485.3	+0.1	2,366	422	1,646	0	211	40	.26
21	570.64	485.2	-0.1	2,412	399	1,801	0	210	49	.32
22	570.44	484.2	-0.9	2,144	400	1,956	0	210	52	.34
23	570.19	483.0	-1.2	2,229	411	2,142	0	210	58	.38
24	569.76	481.0	-2.0	2,288	448	2,596	0	210	52	.34
25	569.14	478.1	-2.9	2,211	499	2,921	0	210	47	.31
26	568.52	475.2	-2.9	2,285	482	3,001	0	220	42	.28
27	567.88	472.2	-3.0	2,237	455	3,000	0	236	48	.32
28	567.35	469.8	-2.5	2,291	431	2,829	0	234	36	.24
29	566.87	467.6	-2.2	2,000	328	2,521	0	234	37	.25
30	566.73	466.9	-0.6	2,689	329	2,397	0	234	54	.36
31	566.16	464.3	-2.6	2,107	404	2,751	0	234	42	.28
<b>TOTALS</b>			<b>-8.2</b>	<b>74,492</b>	<b>14,660</b>	<b>55,832</b>	<b>0</b>	<b>6,655</b>	<b>1,493</b>	<b>9.86</b>
<b>ACRE-FEET</b>			<b>-8,229</b>	<b>147,755</b>	<b>29,078</b>	<b>110,743</b>	<b>0</b>	<b>13,200</b>	<b>2,961</b>	<b>.80</b>

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, PUMPING AND EVAPORATION.

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
CANALS	RIVER		
FRIANT-KERN	AT FRIANT	THIS MONTH =	0.80
MADERA	TOTAL RELEASES	JULY 1, 2003 TO DATE =	10.47

Table 16

## U.S. Bureau of Reclamation - Central Valley Operations Office

Delta Outflow Computation (values in c.f.s.)

Italic Red numbers were updated on 9/1/04 when a leap year calculation error was discovered.

May 2004

Estimated numbers are in bold italic print

Date	DELTA INFLOW									NDCU	DELTA EXPORTS							OUTFLOW INDEX			Export/Inflow		
	Sacto R @Freeport -prev day-	SRTP -prev wk-	Yolo + Misc -prev day-	East Side Streams -prev day-	S. Joaquin River@Vernalis -prev day-	7-day Average	Monthly Average	Total Delta Inflow	Clifton Court (CLT)		Tracy (TRA)	Contra Costa (CCC)	Byron Bethany (BBID)	NBA	Total Delta Exports	3-day Avg TRA & CLT	NDOI daily	7-day Avg	Monthly Avg	Daily (%)	3 Day (%)	14 Day (%)	
1-May-04	11,789	201	0	<i>777</i>	3,296	3,290	<i>3,249</i>	<i>16,063</i>	<i>2,000</i>	890	536	<i>180</i>	50	83	<i>1,639</i>	1,444	<i>12,424</i>	<i>13,226</i>	<i>12,424</i>	8.6%	8.6%	6.3%	
2-May-04	11,777	200	0	<i>862</i>	3,249	3,292	<i>3,252</i>	<i>16,088</i>	<i>2,000</i>	1,453	0	<i>184</i>	50	77	<i>1,664</i>	1,431	<i>12,425</i>	<i>12,812</i>	<i>12,424</i>	8.7%	8.6%	6.7%	
3-May-04	11,746	200	0	<i>882</i>	3,255	3,294	<i>3,285</i>	<i>16,083</i>	<i>2,050</i>	1,475	0	<i>182</i>	39	84	<i>1,702</i>	1,451	<i>12,331</i>	<i>12,472</i>	<i>12,393</i>	8.9%	8.7%	7.3%	
4-May-04	11,655	199	0	<i>970</i>	3,352	3,297	<i>3,299</i>	<i>16,176</i>	<i>2,100</i>	93	1,423	<i>173</i>	60	93	<i>1,722</i>	1,481	<i>12,355</i>	<i>12,283</i>	<i>12,384</i>	9.0%	8.9%	7.8%	
5-May-04	11,404	199	0	<i>1,125</i>	3,340	3,305	<i>3,312</i>	<i>16,068</i>	<i>2,100</i>	894	572	<i>0</i>	79	106	<i>1,493</i>	1,486	<i>12,474</i>	<i>12,319</i>	<i>12,402</i>	8.6%	8.9%	8.1%	
6-May-04	12,046	198	0	<i>1,271</i>	3,366	3,303	<i>3,304</i>	<i>16,881</i>	<i>2,100</i>	1,489	0	<i>5</i>	77	100	<i>1,517</i>	1,491	<i>13,264</i>	<i>12,507</i>	<i>12,546</i>	8.4%	8.7%	8.2%	
7-May-04	12,859	198	0	<i>1,326</i>	3,264	3,291	<i>3,291</i>	<i>17,647</i>	<i>2,150</i>	1,490	0	<i>5</i>	67	93	<i>1,521</i>	1,482	<i>13,976</i>	<i>12,750</i>	<i>12,750</i>	8.1%	8.3%	8.3%	
8-May-04	13,196	197	0	<i>1,264</i>	3,210	3,281	<i>3,277</i>	<i>17,867</i>	<i>2,150</i>	99	1,428	<i>5</i>	67	105	<i>1,569</i>	1,502	<i>14,148</i>	<i>12,996</i>	<i>12,925</i>	8.2%	8.2%	8.5%	
9-May-04	13,041	197	0	<i>1,159</i>	3,179	3,285	<i>3,278</i>	<i>17,576</i>	<i>2,200</i>	896	568	<i>5</i>	50	98	<i>1,517</i>	1,494	<i>13,859</i>	<i>13,201</i>	<i>13,028</i>	8.0%	8.1%	8.6%	
10-May-04	12,791	197	0	<i>1,065</i>	3,285	3,289	<i>3,288</i>	<i>17,338</i>	<i>2,200</i>	1,494	0	<i>5</i>	90	104	<i>1,513</i>	1,495	<i>13,625</i>	<i>13,386</i>	<i>13,088</i>	8.1%	8.1%	8.6%	
11-May-04	13,573	197	0	<i>957</i>	3,382	3,287	<i>3,291</i>	<i>18,109</i>	<i>2,250</i>	1,491	0	<i>5</i>	66	106	<i>1,536</i>	1,483	<i>14,323</i>	<i>13,667</i>	<i>13,200</i>	7.9%	8.0%	8.5%	
12-May-04	14,193	197	0	<i>855</i>	3,321	3,269	<i>3,287</i>	<i>18,566</i>	<i>2,300</i>	98	1,282	<i>5</i>	57	104	<i>1,432</i>	1,455	<i>14,834</i>	<i>14,004</i>	<i>13,336</i>	7.1%	7.7%	8.2%	
13-May-04	14,143	197	0	<i>814</i>	3,242	3,262	<i>3,282</i>	<i>18,396</i>	<i>2,300</i>	891	518	<i>5</i>	47	109	<i>1,476</i>	1,426	<i>14,620</i>	<i>14,198</i>	<i>13,435</i>	7.4%	7.5%	8.0%	
14-May-04	13,995	197	0	<i>723</i>	3,216	3,241	<i>3,266</i>	<i>18,131</i>	<i>2,350</i>	1,489	0	<i>5</i>	58	112	<i>1,548</i>	1,426	<i>14,233</i>	<i>14,235</i>	<i>13,492</i>	7.9%	7.5%	8.0%	
15-May-04	13,047	197	0	<i>715</i>	3,065	3,203	<i>3,242</i>	<i>17,024</i>	<i>2,350</i>	1,114	0	<i>5</i>	50	115	<i>1,184</i>	1,337	<i>13,490</i>	<i>14,141</i>	<i>13,492</i>	6.2%	7.2%	7.4%	
16-May-04	12,230	197	0	<i>702</i>	2,909	3,144	<i>3,219</i>	<i>16,038</i>	<i>2,400</i>	795	736	<i>5</i>	50	116	<i>1,602</i>	1,378	<i>12,036</i>	<i>13,880</i>	<i>13,401</i>	9.2%	7.8%	7.7%	
17-May-04	11,741	197	0	<i>670</i>	2,873	3,078	<i>3,202</i>	<i>15,481</i>	<i>2,450</i>	485	1,026	<i>5</i>	81	116	<i>1,551</i>	1,385	<i>11,480</i>	<i>13,574</i>	<i>13,288</i>	9.2%	8.2%	7.7%	
18-May-04	11,428	197	0	<i>665</i>	2,919	3,008	<i>3,181</i>	<i>15,209</i>	<i>2,450</i>	493	1,015	<i>3</i>	80	121	<i>1,552</i>	1,517	<i>11,207</i>	<i>13,129</i>	<i>13,172</i>	9.4%	9.3%	8.4%	
19-May-04	12,422	197	0	<i>680</i>	2,835	2,928	<i>3,155</i>	<i>16,134</i>	<i>2,500</i>	472	1,013	<i>5</i>	50	105	<i>1,545</i>	1,501	<i>12,089</i>	<i>12,737</i>	<i>13,115</i>	8.9%	9.2%	8.3%	
20-May-04	12,295	197	0	<i>674</i>	2,682	2,828	<i>3,123</i>	<i>15,848</i>	<i>2,550</i>	392	1,013	<i>208</i>	119	95	<i>1,589</i>	1,466	<i>11,709</i>	<i>12,321</i>	<i>13,045</i>	8.1%	8.8%	8.1%	
21-May-04	12,203	197	0	<i>630</i>	2,516	2,724	<i>3,085</i>	<i>15,546</i>	<i>2,550</i>	410	1,015	<i>222</i>	102	95	<i>1,641</i>	1,438	<i>11,355</i>	<i>11,910</i>	<i>12,965</i>	8.5%	8.5%	8.0%	
22-May-04	11,922	197	0	<i>618</i>	2,331	2,611	<i>3,041</i>	<i>15,068</i>	<i>2,600</i>	441	1,014	<i>215</i>	76	98	<i>1,692</i>	1,428	<i>10,776</i>	<i>11,522</i>	<i>12,865</i>	9.2%	8.6%	7.9%	
23-May-04	11,744	197	0	<i>626</i>	2,120	2,486	<i>2,996</i>	<i>14,687</i>	<i>2,650</i>	497	1,015	<i>207</i>	76	101	<i>1,743</i>	1,464	<i>10,294</i>	<i>11,273</i>	<i>12,753</i>	9.8%	9.1%	8.3%	
24-May-04	12,120	197	0	<i>623</i>	2,001	2,346	<i>2,952</i>	<i>14,941</i>	<i>2,700</i>	492	1,015	<i>218</i>	128	99	<i>1,696</i>	1,491	<i>10,545</i>	<i>11,139</i>	<i>12,661</i>	9.2%	9.4%	8.5%	
25-May-04	12,158	197	0	<i>623</i>	1,936	2,201	<i>2,907</i>	<i>14,914</i>	<i>2,750</i>	492	1,011	<i>211</i>	86	104	<i>1,733</i>	1,507	<i>10,431</i>	<i>11,028</i>	<i>12,572</i>	9.5%	9.5%	8.7%	
26-May-04	12,235	197	0	<i>621</i>	1,822	2,067	<i>2,862</i>	<i>14,875</i>	<i>2,750</i>	474	1,013	<i>212</i>	62	97	<i>1,734</i>	1,499	<i>10,391</i>	<i>10,786</i>	<i>12,488</i>	9.6%	9.4%	8.9%	
27-May-04	12,182	197	0	<i>623</i>	1,740	1,950	<i>2,819</i>	<i>14,742</i>	<i>2,800</i>	477	1,011	<i>217</i>	81	33	<i>1,657</i>	1,493	<i>10,285</i>	<i>10,582</i>	<i>12,407</i>	9.5%	9.5%	9.1%	
28-May-04	11,764	197	0	<i>605</i>	1,702	1,863	<i>2,780</i>	<i>14,268</i>	<i>2,850</i>	480	1,586	<i>214</i>	90	72	<i>2,262</i>	1,680	<i>9,156</i>	<i>10,268</i>	<i>12,291</i>	13.8%	11.0%	10.4%	
29-May-04	11,947	197	0	<i>616</i>	1,720	1,806	<i>2,743</i>	<i>14,480</i>	<i>1,759</i>	471	2,507	<i>215</i>	76	99	<i>3,217</i>	2,177	<i>9,504</i>	<i>10,087</i>	<i>12,194</i>	20.0%	14.5%	13.8%	
30-May-04	12,584	197	0	<i>635</i>	1,722	1,776	<i>2,712</i>	<i>15,138</i>	<i>1,809</i>	441	3,296	<i>209</i>	76	102	<i>3,972</i>	2,927	<i>9,357</i>	<i>9,953</i>	<i>12,100</i>	24.2%	19.5%	18.9%	
31-May-04	13,372	197	0	<i>658</i>	1,792	1,763	<i>2,683</i>	<i>16,019</i>	<i>1,859</i>	644	4,126	<i>207</i>	76	101	<i>5,002</i>	3,828	<i>9,158</i>	<i>9,755</i>	<i>12,005</i>	29.3%	24.7%	24.8%	
Total	385,602	6,123	0	<i>25,034</i>	84,642	87,770	<i>96,665</i>	<i>501,401</i>	<i>72,027</i>	23,313	29,737	<i>3,342</i>	2,218	3,047	<i>57,220</i>	50,064	<i>372,154</i>	<i>382,137</i>	<i>396,643</i>	318.7%	299.7%	286.0%	
Average	12,439	198	0	<i>808</i>	2,730	2,831	<i>3,118</i>	<i>16,174</i>	<i>2,323</i>	752	959	<i>108</i>	72	98	<i>1,846</i>	1,615	<i>12,005</i>	<i>12,327</i>		10.3%	9.7%	9.2%	

MAY 2004

**CONSOLIDATED STATE-FEDERAL SAN LUIS RESERVOIR  
DAILY OPERATIONS**

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE		SAN LUIS PUMPING C.F.S.	RELEASE - C.F.S.			GAIN(+) OR LOSS(-) C.F.S.	EVAPORATION		PRECIP INCHES
		ACRE-FEET IN LAKE	CHANGE		POWER	PACHECO TUNNEL	SPILL		C.F.S.	INCHES	
		1,768,145									
1	520.58	1,750,002	-18,143	0	9,055	190	0	+98	184	.47	.00
2	519.48	1,736,739	-13,263	0	6,632	209	0	+154	183	.47	.00
3	518.08	1,719,908	-16,831	0	8,353	191	0	+58	163	.42	.00
4	516.81	1,704,689	-15,219	0	7,341	220	0	-111	240	.62	.00
5	515.37	1,687,490	-17,199	0	8,417	207	0	-46	231	.60	.00
6	513.96	1,670,707	-16,783	0	8,418	201	0	+158	188	.49	.00
7	512.04	1,647,946	-22,761	0	11,201	218	0	-55	146	.38	.00
8	510.56	1,630,475	-17,471	0	9,160	233	0	+585	115	.30	.00
9	509.90	1,622,705	-7,770	0	3,281	239	0	-397	229	.60	.00
10	508.28	1,603,685	-19,020	0	9,656	211	0	+278	152	.40	.00
11	507.02	1,588,946	-14,739	0	6,704	228	0	-499	155	.41	.00
12	505.60	1,572,390	-16,556	0	8,122	222	0	-3	151	.40	.00
13	503.88	1,552,417	-19,973	0	9,917	304	0	+152	169	.45	.00
14	502.37	1,534,954	-17,463	0	8,697	294	0	+187	175	.47	.00
15	500.66	1,515,259	-19,695	0	9,600	318	0	-12	186	.50	.00
16	499.15	1,497,940	-17,319	0	8,457	337	0	+63	163	.44	.00
17	497.57	1,479,891	-18,049	0	8,820	323	0	+43	199	.54	.00
18	496.09	1,463,051	-16,840	0	8,087	337	0	-66	150	.41	.00
19	494.50	1,445,033	-18,018	0	8,762	328	0	+6	154	.42	.00
20	492.98	1,427,879	-17,154	0	8,494	336	0	+181	149	.41	.00
21	491.08	1,406,534	-21,345	0	10,467	327	0	+33	163	.45	.00
22	489.25	1,386,078	-20,456	0	10,169	327	0	+183	151	.42	.00
23	487.87	1,370,719	-15,359	0	7,380	302	0	-62	162	.45	.00
24	486.16	1,351,767	-18,952	0	9,393	262	0	+100	150	.42	.00
25	484.49	1,333,344	-18,423	0	8,405	317	0	-566	142	.40	.00
26	482.68	1,313,473	-19,871	0	10,017	316	0	+315	160	.45	.00
27	480.66	1,291,413	-22,060	0	10,866	310	0	+54	169	.48	.00
28	478.51	1,268,071	-23,342	0	11,704	302	0	+238	123	.35	.11
29	476.53	1,246,700	-21,371	0	10,517	290	0	+33	133	.38	.00
30	475.01	1,230,365	-16,335	0	8,160	295	0	+220	187	.54	.00
31	473.44	1,213,592	-16,773	0	8,229	259	0	+32	183	.53	.00
<b>TOTALS</b>			<b>-554,553</b>	<b>0</b>	<b>272,481</b>	<b>8,453</b>	<b>0</b>	<b>+1,354</b>	<b>5,205</b>	<b>14.07</b>	<b>.11</b>
<b>ACRE-FEET</b>			<b>-554,553</b>	<b>0</b>	<b>540,466</b>	<b>16,767</b>	<b>0</b>	<b>+2,686</b>	<b>10,324</b>		

**SUMMARY**

RELEASE (ACRE-FEET)				PRECIPITATION	
POWER	540,466	SPILL	0	THIS MONTH =	.11
PACHECO TUNNEL	16,767	TOTAL	557,233	JULY 1, 2003 TO DATE =	8.27

MAY 2004

**CONSOLIDATED STATE-FEDERAL O'NEILL FOREBAY  
DAILY OPERATIONS**

RUN DATE: June 18, 2004

DAY	ELEV	STORAGE		INFLOW - C.F.S.			RELEASE - C.F.S.			* DELIV.	GAINS(+) OR LOSS(-) C.F.S.
		ACRE-FEET IN LAKE	CHANGE	O'NEILL PUMPING	S. LUIS GEN.	CALIF. AQUEDUCT	O'NEILL GEN.	S. LUIS PUMPING	DOS AMIGOS PUMPING		
		44,531									
1	220.72	45,027	+496	0	9,055	468	1,743	0	7,330		-200
2	219.00	40,584	-4,443	0	6,632	376	1,933	0	7,321		+7
3	220.60	44,714	+4,130	0	8,353	961	1,959	0	5,235		-37
4	219.80	42,635	-2,079	0	7,341	0	2,033	0	6,183		-173
5	219.59	42,093	-542	0	8,417	262	1,793	0	6,876		-283
6	219.69	42,351	+258	0	8,418	589	2,354	0	6,444		-80
7	221.22	46,337	+3,986	0	11,201	314	2,475	0	6,903		-128
8	221.77	47,782	+1,445	0	9,160	280	2,547	0	5,835		-330
9	218.95	40,457	-7,325	0	3,281	689	1,842	0	4,991		-829
10	221.96	48,282	+7,825	0	9,656	1,199	2,321	0	4,410		-179
11	220.99	45,734	-2,548	0	6,704	1,066	2,191	0	6,935		+71
12	220.70	44,975	-759	0	8,122	0	1,906	0	6,430		-169
13	221.50	47,073	+2,098	0	9,917	62	1,932	0	6,881		-109
14	221.07	45,944	-1,129	0	8,697	617	2,241	0	7,617		-25
15	221.10	46,023	+79	0	9,600	391	2,317	0	7,297		-338
16	220.11	43,437	-2,586	0	8,457	728	2,257	0	8,086		-146
17	220.91	45,525	+2,088	0	8,820	9	2,084	0	5,624		-68
18	220.74	45,080	-445	0	8,087	9	1,665	0	6,652		-3
19	220.77	45,158	+78	0	8,762	628	1,364	0	7,983		-4
20	219.62	42,170	-2,988	0	8,494	637	1,405	0	8,754		-479
21	220.69	44,949	+2,779	0	10,467	230	1,385	0	7,751		-160
22	221.15	46,154	+1,205	0	10,169	388	1,381	0	8,464		-104
23	220.14	43,515	-2,639	0	7,380	346	1,444	0	7,492		-120
24	220.31	43,957	+442	0	9,393	241	1,511	0	7,758		-143
25	219.64	42,222	-1,735	0	8,405	568	1,784	0	7,788		-275
26	218.81	40,103	-2,119	0	10,017	100	2,092	0	9,005		-88
27	219.17	41,017	+914	0	10,866	806	2,332	0	8,730		-150
28	219.60	42,119	+1,102	0	11,704	610	1,815	0	9,896		-47
29	220.00	43,152	+1,033	0	10,517	640	1,064	0	9,581		+9
30	219.30	41,349	-1,803	195	8,160	325	480	0	9,104		-4
31	219.50	41,862	+513	614	8,229	395	118	0	8,614		+500
<b>TOTALS</b>			<b>-2,669</b>	<b>809</b>	<b>272,481</b>	<b>13,934</b>	<b>55,768</b>	<b>0</b>	<b>227,970</b>		<b>-4,084</b>
<b>ACRE-FEET</b>			<b>-2,669</b>	<b>1,605</b>	<b>540,466</b>	<b>27,638</b>	<b>110,616</b>	<b>0</b>	<b>452,178</b>	<b>1,482</b>	<b>-8,101</b>

\* DAILY DEL. FIGURES UNAVAILABLE. TOT. DEL. IS INCLUDED IN COMPUTING MONTHLY TOTALS

**SUMMARY**

RELEASE (ACRE-FEET)

O'NEILL GEN.	110,616	DOS AMIGOS PUMP	452,178		
SAN LUIS PUMP	0	DELIVERIES	1,482	TOTAL	564,276

UNITED STATES DEPARTMENT OF THE INTERIOR  
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 19

MAY 2004

FEDERAL-STATE OPERATIONS  
SAN LUIS UNIT

RUN DATE: June 18, 2004

DAY	AQUEDUCT CHECK 12			O'NEILL				SAN LUIS						PACHECO PUMP	DOS AMIGOS		
	STATE	FED	TOTAL	FED	STATE	TOTAL	GENER TOTAL	FED	STATE	TOTAL	FED	STATE	TOTAL		FED	STATE	TOTAL
1	928	0	928	0	0	0	3,458	0	0	0	8,185	9,776	17,961	376	4,224	10,315	14,539
2	746	0	746	0	0	0	3,835	0	0	0	8,386	4,768	13,154	415	4,276	10,245	14,521
3	1,906	0	1,906	0	0	0	3,886	0	0	0	7,533	9,035	16,568	379	4,199	6,185	10,384
4	0	0	0	0	0	0	4,033	0	0	0	6,874	7,687	14,561	437	4,625	7,638	12,263
5	519	0	519	0	0	0	3,556	0	0	0	11,042	5,654	16,696	411	5,436	8,203	13,639
6	1,168	0	1,168	0	0	0	4,669	0	0	0	8,598	8,100	16,698	399	5,381	7,400	12,781
7	623	0	623	0	0	0	4,909	0	0	0	13,462	8,756	22,218	433	5,426	8,267	13,693
8	555	0	555	0	0	0	5,051	0	0	0	9,401	8,767	18,168	463	5,409	6,164	11,573
9	1,366	0	1,366	0	0	0	3,654	0	0	0	5,504	1,003	6,507	475	4,680	5,219	9,899
10	2,379	0	2,379	0	0	0	4,604	0	0	0	16,720	2,433	19,153	418	5,286	3,461	8,747
11	2,114	0	2,114	0	0	0	4,345	0	0	0	8,217	5,080	13,297	452	5,398	8,357	13,755
12	0	0	0	0	0	0	3,780	0	0	0	8,435	7,674	16,109	441	5,396	7,357	12,753
13	123	0	123	0	0	0	3,832	0	0	0	10,192	9,479	19,671	603	5,414	8,234	13,648
14	1,224	0	1,224	0	0	0	4,445	0	0	0	10,705	6,546	17,251	583	5,404	9,705	15,109
15	776	0	776	0	0	0	4,595	0	0	0	10,176	8,866	19,042	630	5,354	9,120	14,474
16	1,443	0	1,443	0	0	0	4,477	0	0	0	7,999	8,776	16,775	669	5,309	10,729	16,038
17	18	0	18	0	0	0	4,134	0	0	0	8,039	9,455	17,494	640	5,319	5,836	11,155
18	17	0	17	0	0	0	3,302	0	0	0	7,930	8,111	16,041	668	3,799	9,396	13,195
19	1,246	0	1,246	0	0	0	2,705	0	0	0	8,198	9,181	17,379	651	3,841	11,994	15,835
20	1,264	0	1,264	0	0	0	2,786	0	0	0	7,904	8,943	16,847	666	3,801	13,562	17,363
21	457	0	457	0	0	0	2,747	0	0	0	7,191	13,571	20,762	648	3,879	11,496	15,375
22	770	0	770	0	0	0	2,740	0	0	0	7,855	12,316	20,171	648	3,871	12,918	16,789
23	687	0	687	0	0	0	2,864	0	0	0	5,775	8,863	14,638	599	6,095	8,766	14,861
24	479	0	479	0	0	0	2,998	0	0	0	7,973	10,659	18,632	519	6,145	9,243	15,388
25	1,126	0	1,126	0	0	0	3,539	0	0	0	8,333	8,338	16,671	629	5,998	9,449	15,447
26	198	0	198	0	0	0	4,150	0	0	0	10,955	8,913	19,868	627	5,943	11,918	17,861
27	1,599	0	1,599	0	0	0	4,625	0	0	0	9,870	11,683	21,553	615	5,984	11,332	17,316
28	1,210	0	1,210	0	0	0	3,601	0	0	0	9,433	13,782	23,215	599	6,039	13,590	19,629
29	1,269	0	1,269	0	0	0	2,111	0	0	0	10,343	10,518	20,861	576	6,091	12,913	19,004
30	645	0	645	386	0	386	953	0	0	0	5,952	10,233	16,185	586	6,039	12,019	18,058
31	784	0	784	1,218	0	1,218	235	0	0	0	6,974	9,348	16,322	514	6,023	11,062	17,085
<b>TOTAL</b>	<b>27,639</b>	<b>0</b>	<b>27,639</b>	<b>1,604</b>	<b>0</b>	<b>1,604</b>	<b>110,619</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540,468</b>	<b>540,468</b>	<b>16,769</b>	<b>16,769</b>	<b>452,177</b>	<b>452,177</b>	<b>452,177</b>
<b>FEDERAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,604</b>	<b>0</b>	<b>1,604</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>274,154</b>	<b>274,154</b>		<b>0</b>	<b>160,084</b>	<b>160,084</b>	<b>160,084</b>
<b>STATE</b>	<b>27,639</b>	<b>0</b>	<b>27,639</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>266,314</b>	<b>266,314</b>		<b>0</b>	<b>292,093</b>	<b>292,093</b>	<b>292,093</b>
															<b>XVC</b>		<b>0</b>

COMMENTS: ALL VALUES IN ACRE-FEET

UNITED STATES DEPARTMENT OF THE INTERIOR  
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

Table 20

MAY 2004

FEDERAL-STATE OPERATIONS

RUN DATE: June 18, 2004

DAY	TRACY PUMPING			CLIFT COURT TOTAL	DELTA PUMPING PLANT			FED BANKS XVC	STATE DOS BYRON			AQEDUCT CHECK 21			DMC-POOL DEMANDS
	FED	STATE	TOTAL		STATE	FED	TOTAL		AMIGOS XVC	BETHANY TOTAL	STATE	FED	TOTAL		
1	1,064	0	1,064	1,765	1,794	0	1,794	0	0	100	9,610	0	9,610	4,522	
2	0	0	0	2,882	2,911	0	2,911	0	0	100	8,823	0	8,823	3,835	
3	0	0	0	2,925	2,933	0	2,933	0	0	78	6,876	0	6,876	3,886	
4	2,823	0	2,823	185	0	0	0	0	0	120	7,051	0	7,051	6,856	
5	1,135	0	1,135	1,773	1,487	0	1,487	0	0	157	7,714	0	7,714	4,691	
6	0	0	0	2,954	1,467	0	1,467	0	0	153	8,007	0	8,007	4,669	
7	0	0	0	2,956	1,551	0	1,551	0	0	133	7,549	0	7,549	4,909	
8	2,832	0	2,832	196	990	0	990	0	0	133	7,093	0	7,093	7,883	
9	1,126	0	1,126	1,778	1,829	0	1,829	0	0	100	6,335	0	6,335	4,780	
10	0	0	0	2,963	2,936	0	2,936	0	0	178	5,597	0	5,597	4,604	
11	0	0	0	2,957	2,933	0	2,933	0	0	131	9,466	0	9,466	4,345	
12	2,542	0	2,542	195	17	0	17	0	0	114	8,993	0	8,993	6,322	
13	1,027	0	1,027	1,767	725	0	725	0	0	93	9,541	0	9,541	4,859	
14	0	0	0	2,954	1,458	0	1,458	0	0	116	9,326	0	9,326	4,445	
15	0	0	0	2,210	1,462	0	1,462	0	0	100	9,634	0	9,634	4,595	
16	1,460	0	1,460	1,577	1,585	0	1,585	0	0	100	10,727	0	10,727	5,937	
17	2,035	0	2,035	962	2	0	2	0	0	161	7,899	0	7,899	6,169	
18	2,014	0	2,014	977	926	0	926	0	0	159	9,162	0	9,162	5,316	
19	2,009	0	2,009	936	1,635	0	1,635	0	0	100	9,764	0	9,764	4,714	
20	2,009	0	2,009	778	2,310	0	2,310	0	0	237	10,808	0	10,808	4,795	
21	2,013	0	2,013	814	1,000	0	1,000	0	0	202	9,998	0	9,998	4,760	
22	2,011	0	2,011	875	1,005	0	1,005	0	0	150	10,073	0	10,073	4,751	
23	2,013	0	2,013	985	1,008	0	1,008	0	0	150	9,458	0	9,458	4,877	
24	2,014	0	2,014	975	1,001	0	1,001	0	0	254	9,717	0	9,717	5,012	
25	2,005	0	2,005	976	935	0	935	0	0	170	10,319	0	10,319	5,544	
26	2,009	0	2,009	941	991	0	991	0	0	122	10,530	0	10,530	6,159	
27	2,005	0	2,005	946	1,840	0	1,840	0	0	161	11,486	0	11,486	6,630	
28	3,145	0	3,145	952	2,279	0	2,279	0	0	178	11,564	0	11,564	6,746	
29	4,972	0	4,972	935	1,343	0	1,343	0	0	150	11,882	0	11,882	7,083	
30	6,538	0	6,538	874	1,325	0	1,325	0	0	150	11,122	0	11,122	7,105	
31	8,183	0	8,183	1,278	1,364	0	1,364	0	0	150	11,502	0	11,502	7,200	
<b>TOTALS</b>	<b>58,984</b>	<b>0</b>	<b>58,984</b>	<b>46,241</b>	<b>45,042</b>	<b>0</b>	<b>45,042</b>	<b>0</b>	<b>0</b>	<b>4,400</b>	<b>287,626</b>	<b>0</b>	<b>287,626</b>	<b>167,999</b>	

COMMENTS: ALL VALUES IN ACRE-FEET





Table 22

U. S. Department of Interior - Bureau of Reclamation  
Central Valley Operations Office

**Friant-Kern Canal  
2004**

Monthly Deliveries in AF

Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Alpaugh ID	0	0	0	0	0								0
Arvin-Edison WSD	2005	2918	10918	6146	0								21987
Atwell Island WD	0	0	0	0	0								0
Delano-Earlimart ID	207	1111	5675	15753	20668								43414
Exeter ID	3	5	144	708	1559								2419
City of Fresno	0	269	22	87	7856								8234
County of Fresno SA #34	3	4	20	30	40								97
Fresno ID	0	0	0	3750	7856								11606
Garfield WD	0	26	65	322	468								881
Hills Valley ID	0	0	102	440	670								1212
International WD	0	0	0	16	176								192
Ivanhoe ID	0	0	0	242	699								941
Kaweah Delta WCD	0	0	0	0	0								0
Kern County Water Agency	0	0	0	0	0								0
Kern-Tulare WD	273	258	1364	2585	4323								8803
Kings County WD	0	0	0	0	0								0
Kings River CD	0	0	0	0	0								0
Lewis Creek WD	0	0	0	21	75								96
Lindmore ID	0	0	841	2621	5445								8907
City of Lindsay	151	143	200	222	276								992
Lindsay-Strathmore ID	0	102	76	347	3065								3590
Wutchumna (Lindsey-Strathmore non-proje	159	33	572	1794	0								2558
Lower Tule River ID	0	0	0	0	13984								13984
North-Kern WSD	0	0	0	0	0								0
City of Orange Cove	80	88	117	171	197								653
Orange Cove ID	0	10	573	2652	4278								7513
Pixley ID	0	0	0	0	3528								3528
Porterville ID	0	0	840	1520	2218								4578
Rag Gulch WD	0	46	188	1136	1755								3125
Rosedale Rio Bravo WSD	0	0	0	0	0								0
Saucelito ID	0	271	1918	4311	4123								10623
Semitropic WSD	0	0	0	0	0								0
Shafter Wasco ID	869	6224	5895	6888	9101								28977
Southern San Joaquin MUD	726	3537	8409	12668	16834								42174
Smallwood Vineyards	0	0	7	70	103								180
Stone Corral ID	18	16	229	749	1297								2309
Strathmore PUD	35	32	44	56	57								224
Styro Tek, Inc.	0	1	1	0	1								3
Tea Pot Dome WD	0	0	127	544	864								1535
Terra Bella ID	64	50	430	1695	2515								4754
Tri-Valley WD	0	0	5	48	170								223
Tulare ID	0	0	0	0	0								0
Tulare Lake Basin WSD	0	0	0	0	0								0
<b>Total</b>	<b>4593</b>	<b>15144</b>	<b>38782</b>	<b>67592</b>	<b>114201</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>240312</b>

\* Data supplied by Fresno Field Division, Contracts Administration Division

**Table 23**

U. S. Department of Interior - Bureau of Reclamation  
Central Valley Operations Office

**Madera Canal and Millerton Lake  
2004**

Monthly Deliveries in AF

Water Users	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>MADERA CANAL</b>													
Chowchilla WD	0	0	0	0	0								0
Madera ID	0	0	0	22969	27634								50603
Soquel	0	0	0	0	0								0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22969</b>	<b>27634</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50603</b>
<b>MILLERTON LAKE</b>													
County of Madera	2	2	3	6	6								19
Fresno County # 18	6	6	8	16	19								55
Gravelly Ford WD	0	0	996	2419	1556								4971
<b>Total</b>	<b>8</b>	<b>8</b>	<b>1007</b>	<b>2441</b>	<b>1581</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5045</b>

\* Data supplied by Fresno Field Division, Contracts Administration Division



**Table 25**

U. S. Department of Interior - Bureau of Reclamation  
Central Valley Operations Office

Monthly Deliveries in AF

**Delta-Mendota Canal**  
**2004**

Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Banta Carbona ID	0	0	301	349	669								1319
Broadview WD	1069	2348	633	384	844								5278
CCID (Abv CK 13)	393	472	1819	1836	2043								6563
CCID (Blw CK 13)	1868	623	6770	4524	15407								29192
Centinella WD	0	0	0	0	0								0
China Island (76.05)	0	168	317	415	0								900
Del Puerto WD	43	321	4653	11829	14555								31401
DWR Intertie @MP7.70-R	0	0	0	0	0								0
Eagle Field WD	162	416	81	225	0								884
Firebaugh Canal	101	1940	821	1836	3525								8223
Frietas Unit (76.05L)	0	569	25	0	0								594
Mercy Springs WD	37	144	38	163	153								535
Oro Loma WD	47	505	0	80	418								1050
Panoche WD - Ag	284	453	135	288	615								1775
Panoche WD - M&I	2	3	2	3	2								12
Patterson WD	0	131	1057	440	695								2323
Plainview WD	0	17	57	414	507								995
Salt Slough Unit (76.05L)	1009	0	701	250	0								1960
San Luis WD - Ag	254	1238	457	523	1554								4026
San Luis WD - M&I	1	1	2	12	23								39
Tracy, City of	0	447	649	1226	1296								3618
West Side ID	0	0	0	0	40								40
Widren	0	13	69	140	30								252
W. Stanislaus ID	64	319	2145 *	4144	4471								11143
F&G - Los Banos Ref. 76.05L	1027	0	860	612	554								3053
Volta Wildlife Mgmt Area (F&G)	38	245	0	206	244								733
Grasslands WD -76.05L	6638	3623	1700	3428	8410								23799
Grasslands WD - Volta	215	571	0	2217	4181								7184
F&W (Volta) Santa Fee Kest.	0	569	0	522	456								1547
F&W - Kesterson 76.05L	0	0	0	0	0								0
<b>Total DMC Deliveries</b>	<b>13252</b>	<b>15136</b>	<b>23292</b>	<b>36066</b>	<b>60692</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>148438</b>
Oneill Net Pumped	218374	130378	147335	8908	(109015)								395980
DMC plus Oneill	231626	145514	170627	44974	(48323)	0	0	0	0	0	0	0	544418

Data supplied by San Luis Delta-Mendota Water Authority

Table 26

U. S. Department of Interior - Bureau of Reclamation  
Central Valley Operations Office

**San Luis and Cross Valley Canals**  
2004

Monthly Deliveries in AF

Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>SAN LUIS CANAL</b>													
City of Avenal	182	168	204	225	266								1045
Broadview WD	2	0	0	2	1								5
City of Coalinga	325	343	405	578	761								2412
City of Dos Palos	69	68	93	127	161								518
City of Huron	48	47	69	77	113								354
Lemore N.A.S.	0	0	147	254	398								799
Pacheco WD	1	2	1	101	29								134
Pacheco CCID Non-project (Hamburg)	329	724	885	1438	2207								5583
Panoche WD	4250	4383	3534	3809	6957								22933
San Luis WD	2383	5047	5261	6667	10311								29669
Westlands WD (Federal)	60726	51482	82863	103574	146551								445196
Fish & Game (Lateral 4 - Federal )	1	0	1	1	0								3
Fish & Game (Lateral 6 - Federal)	0	0	0	0	0								0
<b>Total</b>	<b>68316</b>	<b>62264</b>	<b>93463</b>	<b>116853</b>	<b>167755</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>508651</b>
<b>O'NEILL FOREBAY DELIVERIES</b>													
Oneill Forebay Wildlife (Federal)	60	65	69	74	30								298
San Luis WD Ag	54	316	<b>649</b>	<b>1026</b>	1353								3398
San Luis M&I	27	24	<b>36</b>	<b>86</b>	99								272
VA Cemetary	1	1	2	4	11								19
<b>Total</b>	<b>142</b>	<b>406</b>	<b>756</b>	<b>1190</b>	<b>1493</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3987</b>
<b>CROSS VALLEY CANAL</b>													
County of Fresno	0	0	0	0	0								0
County of Tulare	0	0	0	0	0								0
Lower Tule River ID	0	0	7854	0	0								7854
Pixley ID	0	0	0	0	0								0
Kern-Tulare WD	0	0	4211	0	0								4211
Rag Gulch WD	0	0	4210	0	0								4210
Hills-Valey ID	0	0	0	0	0								0
Tri-Valley ID	0	0	0	0	0								0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>16275</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16275</b>
<b>SAN FELIPE DIVISION</b>													
Santa Clara	9868	7309	4408	7591	12961								42137
215 water	0	0	1110	0	0								1110
San Benito	1203	2629	1271	2381	3808								11292
215 water	0	0	103	0	0								103
<b>Total</b>	<b>11071</b>	<b>9938</b>	<b>6892</b>	<b>9972</b>	<b>16769</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54642</b>

\* Data supplied by Fresno Field Division, Contracts Administration Division for San Luis Canal and Cross Valley Canal.  
Tracy Field Division, Water Division for O'Neill Forebay.

**Table 27**

U. S. Department of Interior - Bureau of Reclamation  
 Central Valley Operations Office

**Tehama-Colusa Canal  
 2003**

Monthly Deliveries in AF

Water Users	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Colusa County WD	108	109	1763	6476	10850								19306
Cortina WD	0	0	26	106	216								348
Davis WD	0	0	132	230	909								1271
Dunnigan WD	5	10	233	2098	2854								5200
4-M Water District	1	0	143	323	387								854
GCID	0	161	1110	4283	4967								10521
Glenn Valley WD	0	0	30	0	358								388
Glide WD	0	0	32	1126	3694								4852
Holthouse WD	0	0	29	246	261								536
Kanawha WD	3	9	397	4089	6348								10846
Kirkwood WD	0	0	2	98	112								212
La Grande WD	0	0	1	954	1262								2217
Myers-Marsh MWC	0	0	32	24	222								278
Orland-Artois WD	5	17	416	5579	11522								17539
Westside WD	6	6	887	4301	8741								13941
<b>Total</b>	<b>128</b>	<b>312</b>	<b>5233</b>	<b>29933</b>	<b>52703</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>88309</b>

Data supplied by Willows Field Division, Water and Land Division

Table 28

U. S. Department of Interior - Bureau of Reclamation  
Central Valley Operations Office

Water Users	Sacramento River												Total
	2004												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
A&F Boeger Corp & Thunder Farms	0	0	0	0	0								0
Anderson Cottonwood ID	0	0	0	10975	19704								30679
Andreotti, Arthur, et al	0	0	0	0	576								576
Baber, Jack, et	0	0	0	31	753								784
A&R Farms (Odysseus)	0	0	0	42	16								58
Cannel, Fred	0	0	0	0	487								487
Carter, Jane	0	0	0	0	9								9
Colusa Prop. Inc	0	0	0	90	50								140
Colusa IC (King & Dommer)	0	0	0	0	4								4
Conaway Conservancy Group	0	0	0	1400	10466								11866
Davis Ranches	0	0	0	2380	6747								9127
Deseret Farms of Calif	0	0	0	0	0								0
Dommer, Elizabeth	0	0	0	0	0								0
Eastside MWC	0	0	0	77	572								649
Forry, Laurie	0	0	0	0	266								266
Forster, Rosemary	0	0	0	524	470								994
Furlan Joint Venture (Area #1)	0	0	0	26	87								113
Furlan Joint Venture (Area #2)	0	0	0	0	0								0
Glenn-Colusa ID	0	0	0	91992	140026								232018
Green Valley Corp.	0	0	0	0	181								181
Griffin & Prater, TIC	0	0	0	328	481								809
Henle Family Limited Partnership	0	0	0	0	0								0
Hershey Land Co	0	0	0	1	48								49
Hiatt, Glenn	0	0	0	0	306								306
Hollins, Mariette B	0	0	0	66	240								306
Howald Farms	0	0	0	218	288								506
Knaggs Walnut Ranches Co, L.P.	0	0	0	0	0								0
Lockett, William P.	0	0	0	0	0								0
Loma Cold Storage/J Micheli	0	0	0	442	1605								2047
Mehrhof & Montgomery	0	0	0	0	20								20
M&T Inc.	0	0	0	409	1184								1593
MCM Properties, Inc	0	0	0	20	14								34
Maxwell ID	0	0	0	649	170								819
Meridan Farms WC	0	0	0	2101	6758								8859
Natomas Central MWC	0	0	0	8173	18706								26879
O'Brien, Janice	0	0	0	88	155								243
Oji Bros. Farms Inc	0	0	0	320	751								1071
Oji, Mitsue Family PTN	0	0	0	493	1227								1720
Pelger Mutual WC	0	0	0	1003	1808								2811
Pleasant Grove-Verona MWC	0	0	0	1242	4372								5614
Princeton,-Codora-Glenn ID	0	0	0	7065	13286								20351
Provident Irrigation District	0	0	0	8148	11193								19341
Reclamation Dist #108	0	0	0	11514	39424								50938
Reclamation Dist #1004	0	0	0	3744	11837								15581
Reynen, John, et al	0	0	0	140	894								1034
River Garden Farms	0	0	0	808	5266								6074
Roberts Ditch Irrigation Co	0	0	0	205	532								737
Sacramento River Ranch, LLC	0	0	0	0	193								193
Sartain Mutual WC	0	0	0	0	0								0
Siddiqui, J & A & Siddiqui Family Plan	0	0	0	8	139								147
Spence, Ruth Ann	0	0	0	0	0								0
Sutter Mutual WC	0	0	0	18363	48301								66664
Swinford Tract Irrigation Co	0	0	0	0	0								0
Tarke, James, et al	0	0	0	206	746								952
Tisdale Irrigation & Drain	0	0	0	861	1892								2753
Wallace Construction, Inc.	0	0	0	0	206								206
Wells, Joyce M	0	0	0	71	260								331
Wilson Ranch Partnership	0	0	0	0	0								0
Windswept Land & Livestock Co.	0	0	0	213	967								1180
													0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>174436</b>	<b>353683</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>528119</b>

\* Data supplied by Willows Field Division, Water and Land Division (standard form contracts)

Table 29

U. S. Department of the Interior - Bureau of Reclamation  
Central Valley Operations Office

**Sacramento-San Joaquin Valley - Streamflow Data  
2004**

Mean monthly flow in cfs

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Sacramento River</b>												
Shasta computed inflow	10630	23518	12774	8668	6060							
At Keswick	7638	21345	14924	8410	9568							
At Bend Bridge	13819	32088	23745	10770	11049							
At Vina Bridge	18233	43796	29883	14231	12837							
At Ord Ferry	19581	44092	29054	11848	9098							
At Colusa	19229	26792	23595	10485	8428							
Below Wilkins Slough	18048	19703	19964	9915	6415							
At Verona	33182	39903	42251	19612	10945							
Sacramento at "I" Street	35497	42770	46233	23795	12686							
<b>Miscellaneous Stations</b>												
Folsom computed inflow	3077	4789	5068	3311	2597							
American R at Nimbus Dam	2511	3643	3500	4344	2150							
Kings River at Pine Flat	155	340	548	1666	2114							
<b>San Joaquin River</b>												
At Friant Dam	113	116	153	196	215							
Near Vernalis	1759	2167	3301	2705	2698							
<b>Putah Creek</b>												
Berryessa computed inflow	1096	3524	804	226	58							
Putah Creek - Lake Solano	40	2728	1447	79	43							
<b>Stanislaus River</b>												
New Melones computed inflow	1144	1373	1702	1533	1129							
At Tulloch Dam	233	340	813	1852	2304							
At Orange Blossom	360	453	339	578	675							

\* Data supplied by Central Valley Operations Coordinations Office  
Daily mean is derived from 7 am daily reading.