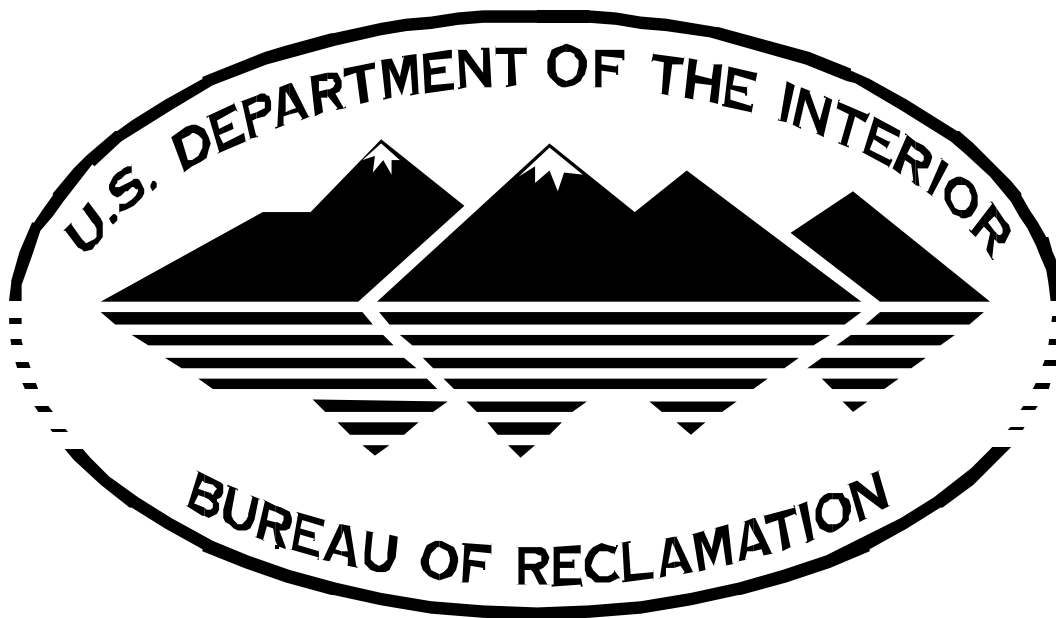


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION**

CENTRAL VALLEY OPERATIONS OFFICE

REPORT OF OPERATIONS



February 2004

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SUMMARY OF FEBRUARY 2004 OPERATIONS

Sacramento had an average monthly temperature of 63.5 °F which was 10.0 °F above normal. The average temperature at Shasta Dam was 47.5 °F which was 1.6 °F below normal and Huntington Lake was .2 °F below normal with an average temperature of 35.5 °F.

Trinity System: Storage in Trinity Lake increased 216,300 acre-feet this month to 2,106,500 acre-feet, which is 86 percent of capacity and 124 percent of the 15 year average for this date. The total inflow for the month was 269,843 acre-feet. The Trinity River release ranged between 300 to 2,000 ft³/s. Whiskeytown Lake was operated between elevations 1198.37 feet and 1206.88 feet with an end-of-month storage of 205,600 acre-feet. The releases to Clear Creek from Whiskeytown Dam were 200 ft³/s. Total diversion from the Trinity River to the Sacramento River watershed for the month was 8,737 acre-feet.

Shasta-Keswick: Storage in Shasta Lake increased 262,100 acre-feet for an end-of-month storage of 3,868,600 acre-feet, which is 85 percent of capacity and 118 percent of the 15 year average. The total inflow for the month was 1,352,773 acre-feet. The release to the Sacramento River at Keswick ranged between 4,500 and 50,000 ft³/s for the month.

Folsom-Nimbus: Storage in Folsom Lake increased 63,300 acre-feet and had an end-of-month storage of 617,300 acre-feet, which is 63 percent of capacity and 129 percent of the 15 year average for this date. The total inflow for the month was 275,451 acre-feet. The release to the American River at Nimbus ranged between 2,200 and 7,000 ft³/s during the month.

New Melones: Storage in New Melones increased 65,000 acre-feet for an end-of-month storage of 1,442,000 acre-feet or 60 percent of capacity and 109 percent of the 15 year average. The release to the Stanislaus River at Goodwin Dam ranged between 200 to 500 ft³/s for the month. The total inflow for the month was 78,971 acre-feet.

Delta-San Luis: Federal storage in San Luis Reservoir on February 29, 2004, was 907,000 acre-feet compared to the storage a year ago of 902,000 acre-feet.

Friant: Storage in Millerton Lake increased 47,124 acre-feet to 366,300 acre-feet. The total monthly inflow was 74,472 acre-feet. The release to the San Joaquin River at Friant varied between 115 and 118 ft³/s.

CVP Totals: The total diversions to CVP canals were 261,536 acre-feet. The February 29 2004, storage in the 18 CVP reservoirs was 8,941,000 acre-feet compared to storage 1 year ago of 8,384,000 acre-feet.

Power: Gross power production for the CVP totaled 341,726 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	02/29/04	02/28/03	WATERSHED	RESERVOIR	TOTAL CAPACITY	02/29/04	02/28/03
KLAMATH	CLEAR LAKE *	526,800	NA	120,010	AMERICAN	FOLSOM LAKE *CVP	1,010,300	617,330	531,360
	GERBER *	94,300	NA	26,520		LAKE NATOMA *CVP	9,030	8,000	8,520
	UPR KLAMATH LK *	873,300	NA	419,430	COSUMNES				31,750
TRINITY	CLAIR ENGLE LK*CVP	2,447,700	2,106,470	1,939,540	MOKELUMNE	CAMANCHE	431,500	350,790	305,630
	LEWISTON LAKE*CVP	14,660	14,240	14,090		PARDEE	210,000	184,260	166,910
	WHISKEYTOWN *CVP	241,100	205,560	202,110	SALT SPRINGS	140,000	6,970	13,550	
MCCLOUD	MCCLOUD DIV. RES	35,230	33,800	17,780	CALAVERAS	NEW HOGAN	317,100	137,740	141,360
PIT	IRON CANYON	24,240	6,840	5,430		NEW MELONES*CVP	2,420,000	1,441,970	1,426,780
	LAKE BRITTON	40,620	38,200	33,500		BEARDSLEY	97,800	37,060	21,570
	PIT NO. 6	15,890	14,940	13,640	STANISLAUS	DONNELLS	64,320	7,430	5,160
SACRAMENTO	PIT NO. 7	34,610	33,170	620	TULLOCH		67,000	56,490	56,180
	SHASTA LAKE *CVP	4,552,000	3,868,650	3,584,280	LAKE ELEANOR	26,100	20,320	3,410	
	SPRING CREEK *CVP	5,900	1,050	850	LAKE LLOYD	268,000	219,040	180,700	
	KESWICK *CVP	23,800	20,420	22,220	TUOLUMNE	HETCH-HETCHY	360,400	230,820	235,020
FEATHER	RED BLUFF DIV *CVP	3,920	2,660	350	NEW DON PEDRO	2,030,000	1,681,300	1,414,350	
	OROVILLE	3,538,000	2,862,900	2,259,700	TURLOCK LAKE	49,000	32,460	25,600	
	THERMALITO DIV RES	13,500	12,790	13,050	MERCED	EXCHEQUER	1,024,600	444,550	367,240
	THERMALITO FORE.	14,400	10,940	10,830	CHOWCHILLA	BUCHANAN	150,000	28,770	21,630
STONY CREEK	THERMALITO AFTER.	57,000	49,070	32,180	CRANE VALLEY	45,400	28,860	28,640	
	LAKE ALMANOR	1,143,000	769,440	786,600	LAKE T.A. EDISON	125,000	50,270	45,740	
	EAST PARK *	50,900	49,200	48,510	FLORENCE LAKE	64,600	617,330	1,170	
PUTAH CREEK	STONY GORGE *	50,000	40,890	40,370	SAN JOAQUIN	MAMMOTH POOL	122,700	20,730	17,360
	BLACK BUTTE *CVP	143,700	61,940	75,380	HUNTINGTON LAKE	89,800	27,920	35,170	
	LAKE BERRYESSA *	1,602,300	1,649,060	1,586,500	REDINGER LAKE	35,000	17,830	24,400	
YUBA	LAKE SOLANO *	720	530	620	SHAVER LAKE	135,400	93,720	93,660	
	BULLARDS BAR	930,000	683,090	733,460	MILLERTON LK *CVP	520,500	366,270	410,470	
	SO. YUBA SYSTEM	146,000	683,090	43,880	FRESNO	HIDDEN	90,000	19,830	20,910
BEAR	NARROWS	70,000	66,760	64,340	SAN LUIS **CVP	2,040,600	1,878,480	1,739,390	
	ROLLINS	65,990	65,990	65,990	O'NEILL FORE.**CVP	56,400	47,810	44,820	
LITTLE TRUCKEE	STAMPEDE *	226,620	130,100	114,640	SAN LUIS	L BANOS RES**CVP	34,560	20,610	20,470
	BOCA *	41,140	6,700	16,200	LT PANOCHE **CVP	5,580	830	830	
PROSSER	PROSSER CREEK *	29,840	9,800	9,290	OIL CANYON	CONTRA LOMA *CVP	2,100	1,960	2,040
TRUCKEE	LAKE TAHOE *	732,000	87,400	86,100	KINGS	WISHON	128,300	42,180	40,670
	RYE PATCH *	190,000	16,400	19,200	PINE FLAT	1,001,500	319,830	365,550	
HUMBOLDT					KAWEAH	TERMINUS	143,000	32,580	12,380
CARSON	LAHONTAN *	317,280	161,500	168,100	TULE	SUCCESS	82,300	20,250	21,560
	TWIN LAKES	21,600	10,180	13,530	KERN	ISABELLA	588,100	157,900	151,650
	FRENCH MEADOWS	136,400	53,370	75,810	CUYAMA	TWITCHELL *	240,100	5,160	NR
AMERICAN	HELL HOLE	207,590	123,920	138,590	SANTA YNEZ	LAKE CACHUMA *	190,500	105,250	122,970
	LOON LAKE	76,500	45,630	25,390	COYOTE	LAKE CASITAS *	254,000	182,090	194,130
	ICE HOUSE	46,000	26,300	21,910	TOTAL - 85 RESERVOIRS		33,749,040	23,785,690	21,375,140
	UNION VALLEY	277,300	186,120	158,400	TOTAL - 36 RESERVOIRS		18,951,650	13,108,330	13,027,840
	SLAB CREEK	16,600	13,590	15,500	TOTAL - 18 RESERVOIRS		13,531,850	10,664,250	10,055,250

** - 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

FEBRUARY 2004

SHASTA LAKE DAILY OPERATIONS

RUN DATE: March 29, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION C.F.S.	INCHES	PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE		POWER	RIVER SPILL	OUTLET			
		3,606.5								
1	1,033.04	3,610.9	+4.4	6,295	4,054	0	0	45	.06	.00
2	1,033.59	3,625.1	+14.1	10,944	3,812	0	0	0	.00	.95
3	1,034.16	3,639.7	+14.7	10,681	3,264	0	0	15	.02	1.18
4	1,034.62	3,651.6	+11.9	9,415	3,421	0	0	0	.00	.12
5	1,034.99	3,661.2	+9.6	8,642	3,791	0	0	30	.04	.00
6	1,035.32	3,669.8	+8.6	8,068	3,679	0	0	69	.09	.00
7	1,035.67	3,678.8	+9.1	8,515	3,924	0	0	8	.01	.21
8	1,035.97	3,686.6	+7.8	7,868	3,871	0	0	69	.09	.00
9	1,036.24	3,693.7	+7.0	7,491	3,886	0	0	54	.07	.00
10	1,036.45	3,699.2	+5.5	7,072	4,247	0	0	61	.08	.00
11	1,036.67	3,704.9	+5.7	7,161	4,159	0	0	107	.14	.00
12	1,036.90	3,710.9	+6.0	7,336	4,217	0	0	92	.12	.00
13	1,037.15	3,717.5	+6.5	7,309	3,910	0	0	100	.13	.00
14	1,037.46	3,725.6	+8.1	8,108	4,009	0	0	0	.00	.23
15	1,037.85	3,735.8	+10.2	9,055	3,859	0	0	39	.05	.20
16	1,040.38	3,802.6	+66.8	35,422	1,662	0	0	62	.08	2.48
17	1,048.37	4,018.1	+215.5	110,890	2,011	0	0	235	.29	2.84
18	1,052.03	4,119.6	+101.5	79,979	8,518	0	20,279	25	.03	2.65
19	1,052.03	4,119.6	+0.0	44,067	10,698	0	33,328	41	.05	.00
20	1,051.26	4,098.1	-21.5	33,086	11,824	0	32,020	74	.09	.00
21	1,050.01	4,063.4	-34.7	26,777	14,185	0	30,067	41	.05	.00
22	1,048.54	4,022.8	-40.6	23,015	14,278	0	29,156	32	.04	.26
23	1,046.68	3,971.9	-50.9	18,717	14,339	0	29,999	64	.08	.53
24	1,044.66	3,917.1	-54.8	18,336	12,548	0	33,425	0	.00	.91
25	1,045.95	3,952.0	+34.9	34,135	14,151	0	2,372	0	.00	1.96
26	1,047.40	3,991.5	+39.6	50,522	14,137	0	16,444	0	.00	2.56
27	1,046.56	3,968.6	-22.9	35,672	14,401	0	32,836	0	.00	2.39
28	1,044.84	3,921.9	-46.7	25,565	14,261	0	34,827	16	.02	.03
29	1,042.86	3,868.6	-53.3	21,870	14,298	0	34,356	71	.09	.00
TOTALS			+262.1	682,013	219,414	0	329,109	1,350	1.72	19.50
ACRE-FEET			+262,100	1,352,773	435,208	0	652,788	2,678		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	435,208	OUTLET	652,788	THIS MONTH =	19.50
SPILL	0	TOTAL	1,087,996	JULY 1, 2003 TO DATE =	59.33

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

Table 4

FEBRUARY 2004

TRINITY LAKE DAILY OPERATIONS

RUN DATE: March 29, 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)	
		1,890.1								
1	2,333.37	1,892.2	+2.1	1,447	378	0	0	12	.03	.00
2	2,333.59	1,895.3	+3.1	1,992	439	0	0	4	.01	.45
3	2,333.77	1,897.8	+2.5	1,523	255	0	0	0	.00	.29
4	2,333.95	1,900.3	+2.5	1,502	226	0	0	8	.02	.00
5	2,334.11	1,902.6	+2.2	1,510	363	0	0	16	.04	.00
6	2,334.27	1,904.8	+2.2	1,440	295	0	0	12	.03	.00
7	2,334.43	1,907.1	+2.2	1,439	302	0	0	4	.01	.30
8	2,334.56	1,908.9	+1.8	1,283	341	0	0	21	.05	.00
9	2,334.68	1,910.6	+1.7	1,342	480	0	0	12	.03	.00
10	2,334.78	1,912.0	+1.4	1,114	385	0	0	21	.05	.00
11	2,334.91	1,913.8	+1.8	1,186	244	0	0	21	.05	.00
12	2,335.04	1,915.6	+1.8	1,265	322	0	0	21	.05	.00
13	2,335.16	1,917.3	+1.7	1,296	401	0	0	41	.10	.00
14	2,335.31	1,919.4	+2.1	1,400	328	0	0	4	.01	.11
15	2,335.53	1,922.5	+3.1	1,931	348	0	0	17	.04	.15
16	2,336.29	1,933.3	+10.8	5,859	430	0	0	8	.02	.98
17	2,339.56	1,980.1	+46.8	23,588	14	0	0	0	.00	1.76
18	2,343.07	2,031.0	+51.0	25,952	233	0	0	9	.02	1.03
19	2,344.35	2,049.8	+18.8	10,259	757	0	0	30	.07	.00
20	2,344.94	2,058.5	+8.7	6,129	1,711	0	0	39	.09	.00
21	2,345.32	2,064.1	+5.6	4,689	1,837	0	0	22	.05	.00
22	2,345.60	2,068.3	+4.1	4,065	1,970	0	0	9	.02	.04
23	2,345.80	2,071.2	+3.0	3,476	1,960	0	0	26	.06	.06
24	2,346.05	2,074.9	+3.7	3,840	1,954	0	0	22	.05	.22
25	2,346.66	2,084.0	+9.1	6,522	1,958	0	0	0	.00	.89
26	2,347.37	2,094.5	+10.6	7,243	1,907	0	0	13	.03	.76
27	2,347.83	2,101.4	+6.9	5,201	1,742	0	0	4	.01	.26
28	2,348.10	2,105.4	+4.0	3,887	1,834	0	0	22	.05	.00
29	2,348.17	2,106.5	+1.0	3,653	3,099	0	0	26	.06	.00
TOTALS			+216.3	136,033	26,513	0	0	444	1.05	7.30
ACRE-FEET			+216,300	269,821	52,589	0	0	881		

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

	RELEASE (ACRE-FEET)			PRECIPITATION
POWER	52,589	OUTLET	0	THIS MONTH = 7.30
SPILL	0	TOTAL	52,589	JULY 1, 2003 TO DATE = 28.60

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

Table 5

FEBRUARY 2004

WHISKEYTOWN LAKE DAILY OPERATIONS

RUN DATE: March 29, 2004

DAY	ELEV	STORAGE 1000 ACRE-FEET IN LAKE	CHANGE	COMPUTED INFLOW C.F.S. *	FROM JUDGE FRANCIS CARR PP	CLEAR CR. NATURAL FLOW	RELEASE - C.F.S.			EVAP. C.F.S.	PRECIP INCHES
							TO CLEAR (1) OUTLETS	CR SPILL	TO SPRING CR. PP		
		205.4									
1	1,198.41	205.4	+0.0	476	118	358	200	0	291	0	.00
2	1,198.50	205.7	+0.3	785	118	667	200	0	451	0	.00
3	1,198.45	205.5	-0.1	702	118	584	200	0	576	0	.00
4	1,198.47	205.6	+0.1	679	118	561	200	0	449	0	.00
5	1,198.56	205.9	+0.3	598	118	480	200	0	260	4	.05
6	1,198.66	206.2	+0.3	608	118	490	200	0	258	2	.02
7	1,198.71	206.3	+0.1	545	118	427	200	0	270	0	.00
8	1,198.73	206.4	+0.1	518	118	400	200	0	288	0	.00
9	1,198.56	205.9	-0.5	513	118	395	200	0	566	0	.00
10	1,198.54	205.8	-0.1	451	118	333	200	0	281	0	.00
11	1,198.53	205.8	+0.0	451	118	333	200	0	262	4	.05
12	1,198.50	205.7	-0.1	415	118	297	200	0	253	6	.07
13	1,198.54	205.8	+0.1	400	118	282	200	0	135	6	.07
14	1,198.60	206.0	+0.2	446	118	328	200	0	157	0	.00
15	1,198.72	206.3	+0.4	635	118	517	200	0	257	0	.00
16	1,199.36	208.2	+1.9	3,277	118	3,159	200	0	2,122	0	.00
17	1,205.23	226.0	+17.8	12,109	118	11,991	200	0	2,928	0	.00
18	1,206.88	231.2	+5.1	7,034	118	6,916	200	0	4,239	0	.00
19	1,206.37	229.6	-1.6	3,631	118	3,513	200	0	4,236	0	.00
20	1,205.14	225.8	-3.8	2,517	118	2,399	200	0	4,238	10	.11
21	1,203.53	220.8	-5.0	1,935	118	1,817	200	0	4,236	0	.00
22	1,201.83	215.6	-5.2	1,834	118	1,716	200	0	4,243	0	.00
23	1,199.93	209.9	-5.7	1,563	118	1,445	200	0	4,240	0	.00
24	1,198.58	205.9	-4.0	1,486	118	1,368	200	0	3,302	0	.00
25	1,199.66	209.1	+3.2	5,035	118	4,917	200	0	3,223	0	.00
26	1,200.13	210.5	+1.4	5,094	118	4,976	200	0	4,189	0	.00
27	1,199.26	207.9	-2.6	3,222	118	3,104	200	0	4,326	0	.00
28	1,198.37	205.3	-2.6	2,677	432	2,245	200	0	3,802	0	.00
29	1,198.46	205.6	+0.3	2,566	787	1,779	200	0	2,232	0	.00
TOTALS			+0.3	62,202	4,405	57,797	5,800	0	56,310	32	.37
ACRE-FEET			+0.3	123,378	8,737	114,640	11,504	0	111,691	63	

* 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	111,691	OUTLET	11,504	THIS MONTH	23.06
SPILL	0	TOTAL	123,195	JULY 1, 2003 TO DATE	51.25

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

Table 6

FEBRUARY 2004

LEWISTON LAKE DAILY OPERATIONS

RUN DATE: March 29, 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
		13,859								
1	1,901.08	13,971	+112	475	80	90	130	118	1	.03
2	1,901.41	14,218	+247	543	80	90	130	118	0	.01
3	1,901.24	14,091	-127	354	80	90	130	118	0	.00
4	1,900.95	13,874	-217	309	80	90	130	118	0	.02
5	1,901.04	13,941	+67	453	80	90	130	118	1	.04
6	1,900.94	13,867	-74	382	80	90	130	118	1	.03
7	1,900.86	13,808	-59	388	80	90	130	118	0	.01
8	1,900.86	13,808	+0	419	80	90	130	118	1	.05
9	1,901.20	14,061	+253	547	80	90	130	118	1	.03
10	1,901.26	14,105	+44	441	80	90	130	118	1	.05
11	1,900.94	13,867	-238	299	80	90	130	118	1	.05
12	1,900.85	13,801	-66	386	80	90	130	118	1	.05
13	1,900.94	13,867	+66	453	80	90	130	118	2	.10
14	1,900.84	13,793	-74	383	80	90	130	118	2	.01
15	1,900.86	13,808	+15	427	80	90	130	118	1	.04
16	1,901.60	14,360	+552	696	80	90	130	118	0	.02
17	1,901.91	14,592	+232	681	80	90	276	118	0	.00
18	1,901.31	14,143	-449	692	80	90	630	118	0	.02
19	1,901.30	14,135	-8	1,016	80	90	730	118	2	.07
20	1,901.06	13,956	-179	1,980	80	90	1,780	118	2	.09
21	1,900.80	13,764	-192	2,022	80	90	1,830	118	1	.05
22	1,900.84	13,793	+29	2,133	80	90	1,830	118	0	.02
23	1,900.86	13,808	+15	2,126	80	90	1,830	118	0	.06
24	1,900.87	13,815	+7	2,123	80	90	1,830	118	1	.05
25	1,901.27	14,113	+298	2,268	80	90	1,830	118	0	.00
26	1,901.61	14,367	+254	2,247	80	90	1,830	118	1	.03
27	1,901.39	14,203	-164	2,035	80	90	1,830	118	0	.01
28	1,900.47	13,521	-682	2,089	80	90	1,830	432	1	.05
29	1,901.44	14,240	+719	3,150	80	90	1,830	787	1	.06
TOTALS			+381	31,517	2,320	2,610	21,966	4,405	22	1.05
ACRE-FEET			+381	62,514	4,602	5,177	43,570	8,737	44	

* 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	4,602	JUDGE FRANCIS CARR POWERPLANT	8,737
TOTAL RIVER	53,349	TOTAL RELEASE	62,086

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

Table 7

FEBRUARY 2004

SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS

RUN DATE: March 29, 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	
		1,006								
1	713.74	975	-31	12	0	28				
2	715.06	1,017	+42	51	0	30				
3	717.08	1,084	+67	65	0	31				
4	718.31	1,126	+42	52	0	31				
5	718.90	1,147	+21	41	0	30				
6	718.76	1,142	-5	32	0	35				
7	717.96	1,114	-28	26	0	40				
8	716.88	1,077	-37	21	0	40				
9	715.54	1,033	-44	17	0	39				
10	713.92	980	-53	11	0	38				
11	711.95	920	-60	8	0	38				
12	709.38	844	-76	-1	0	37				
13	709.23	839	-5	17	0	20				
14	711.24	898	+59	30	0	0				
15	713.80	977	+79	40	0	0				
16	736.04	1,842	+865	436	0	0				
17	770.39	3,877	+2,035	1,110	0	84				
18	772.49	4,029	+152	405	0	328				
19	762.20	3,317	-712	121	0	480				
20	750.98	2,622	-695	150	0	500				
21	738.36	1,951	-671	162	0	500				
22	720.65	1,209	-742	126	0	500				
23	710.04	862	-347	63	0	238				
24	710.98	890	+28	64	0	50				
25	725.43	1,390	+500	410	0	158				
26	735.85	1,833	+443	551	0	328				
27	728.53	1,515	-318	298	0	458				
28	722.04	1,260	-255	121	0	250				
29	716.03	1,049	-211	83	0	189				
TOTALS			+43	4,522	0	4,500				
ACRE-FEET			+43	8,969	0	8,926				

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)

SPILL	0
OUTLET	8,926
TOTAL	8,926

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

Table 8

FEBRUARY 2004

KESWICK RESERVOIR DAILY OPERATIONS

RUN DATE: March 29, 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)
		22,186								
1	584.97	22,488	+302	4,649	291	4,054	4,411	0	85	1
2	585.59	22,878	+390	4,684	451	3,812	4,402	0	85	0
3	585.16	22,607	-271	4,352	576	3,264	4,404	0	85	0
4	584.56	22,236	-371	4,302	449	3,421	4,404	0	85	0
5	583.95	21,860	-376	4,310	260	3,791	4,414	0	85	1
6	582.97	21,265	-595	4,187	258	3,679	4,400	0	85	2
7	582.78	21,152	-113	4,437	270	3,924	4,409	0	85	0
8	582.21	20,811	-341	4,333	288	3,871	4,418	0	85	2
9	582.62	21,056	+245	4,602	566	3,886	4,392	0	85	1
10	583.35	21,495	+439	4,705	281	4,247	4,398	0	85	1
11	583.97	21,872	+377	4,678	262	4,159	4,400	0	85	3
12	584.69	22,316	+444	4,729	253	4,217	4,418	0	85	2
13	584.08	21,939	-377	4,306	135	3,910	4,409	0	85	2
14	583.79	21,763	-176	4,393	157	4,009	4,397	0	85	0
15	583.49	21,580	-183	4,389	257	3,859	4,395	0	85	1
16	586.27	23,307	+1,727	5,386	2,122	1,662	4,429	0	85	1
17	583.28	21,453	-1,854	7,532	2,928	2,011	7,649	728	85	5
18	583.78	21,756	+303	32,473	4,239	28,797	13,191	19,082	46	1
19	583.68	21,696	-60	47,773	4,236	44,026	11,886	35,916	0	1
20	584.21	22,020	+324	48,348	4,238	43,844	10,055	38,128	0	2
21	584.04	21,915	-105	49,953	4,236	44,252	10,949	39,056	0	1
22	581.15	20,188	-1,727	48,947	4,243	43,434	10,754	39,063	0	1
23	581.56	20,428	+240	49,405	4,240	44,338	10,118	39,165	0	1
24	583.32	21,477	+1,049	49,796	3,302	45,973	9,816	39,451	0	0
25	585.09	22,564	+1,087	28,471	3,223	16,523	10,877	17,046	0	0
26	581.32	20,288	-2,276	33,772	4,189	30,581	10,512	24,407	0	0
27	581.58	20,440	+152	50,138	4,326	47,237	10,297	39,764	0	0
28	582.87	21,205	+765	50,537	3,802	49,088	10,359	39,792	0	0
29	581.54	20,416	-789	48,549	2,232	48,654	10,609	38,336	0	2
TOTALS			-1,770	618,136	56,310	548,523	207,572	409,934	1,491	31
ACRE-FEET			-1,770	1,226,073	111,691	1,087,995	411,719	813,104	2,957	61

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

SUMMARY
 RELEASE (ACRE-FEET)

POWER	411,719
SPILL	813,104
FISH TRAP	2,957

FEBRUARY 2004 **RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS** RUN DATE: March 29, 2004

DAY	ELEVATION	STORAGE		RELEASE C.F.S		RELEASE TO SACTO RIVER
		IN LAKE	ACRE-FEET CHANGE	CORNING CANAL	TEHAMA COLUSA CANAL	
		442				
1	239.73	438	-4	0	30	9,324
2	239.66	429	-9	0	30	8,991
3	241.87	743	+314	15	15	24,896
4	241.72	720	-23	17	13	17,334
5	240.37	521	-199	0	30	10,172
6	239.92	460	-61	17	13	9,780
7	239.87	454	-6	0	30	9,566
8	239.85	452	-2	0	30	9,211
9	239.80	446	-6	0	30	9,018
10	239.70	434	-12	0	72	8,212
11	239.56	417	-17	0	131	7,837
12	239.42	400	-17	0	150	7,214
13	239.31	387	-13	0	145	6,922
14	239.60	422	+35	0	111	7,369
15	240.67	562	+140	0	63	18,634
16	248.72	2,369	+1,807	0	63	56,972
17	252.06	3,704	+1,335	0	0	82,538
18	252.21	3,779	+75	0	0	79,477
19	251.11	3,274	-505	0	0	68,455
20	250.00	2,820	-454	0	0	61,939
21	249.26	2,553	-267	0	0	57,235
22	248.80	2,394	-159	0	0	56,422
23	248.80	2,394	+0	0	0	56,124
24	248.17	2,191	-203	0	0	54,236
25	249.11	2,499	+308	0	0	57,421
26	252.11	3,729	+1,230	0	0	46,247
27	249.01	2,463	-1,266	0	0	67,833
28	250.35	2,961	+498	0	0	65,126
29	249.57	2,665	-296	0	0	64,775
TOTALS			+2,223	49	956	1,039,280
ACRE-FEET			+2,223	97	1,896	2,061,412

SUMMARY

RELEASE (ACRE-FEET)

CORNING CANAL	97
TEHAMA-COLUSA CANAL	1,896
TO SACTO RIVER	2,061,412
TOTAL	2,063,405

Table 10

CORPS OF ENGINEERS
Sacramento District Sacramento, California

Daily Operation of Black Butte Reservoir, Stony Creek California

Feb-04

Date	Midnight Elev (ft)	Storage Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	----- Total (sfd)	Mean Outflow River (sfd)	---- [1] (sfd)	[2] (sfd)	Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)	Total U S Storage (ac-ft)	Top Con Storage (ac-ft)
1	447.64	47806	1187	700	100	100.0	0.0	0	4	0.03	0.45	85785	36200
2	448.92	50930	3124	1669	94	94.0	0.0	0	0	0	0.66	88335	34800
3	450.03	53743	2813	1515	96	96.0	0.0	0	1	0.01	0.1	88581	35800
4	450.83	55834	2091	1155	98	98.0	0.0	0	5	0.03	0	88789	37400
5	451.53	57710	1876	1049	99	99.0	0.0	0	8	0.05	0	88639	39000
6	452.17	59465	1755	987	99	99.0	0.0	0	6	0.04	0.07	88671	40700
7	452.87	61427	1962	1099	99	99.0	0.0	0	21	0.13	0	88179	42200
8	453.53	63318	1891	1069	100	100.0	0.0	0	32	0.19	0	87663	43900
9	453.90	64395	1077	858	299	299.0	0.0	0	32	0.19	0	88229	45700
10	453.80	64103	-292	367	500	500.0	0.0	0	29	0.17	0	88565	47200
11	453.80	64103	0	509	499	499.0	0.0	0	20	0.12	0	88828	48900
12	453.80	64103	0	506	496	496.0	0.0	0	20	0.12	0	89039	50800
13	453.85	64249	146	481	400	400.0	0.0	0	14	0.08	0.06	89258	52700
14	454.14	65101	852	597	160	160.0	0.0	0	14	0.08	0.12	89188	54300
15	454.57	66378	1277	743	98	98.0	0.0	0	2	0.01	0.65	89860	54000
16	458.83	79875	13497	6909	103	103.0	0.0	0	2	0.01	1.88	92036	44600
17	466.23	106386	26511	17971	4601	4601.0	0.0	0	9	0.04	0.44	92720	36600
18	467.68	112014	5628	15416	12566	12566.0	0.0	0	25	0.11	0	89745	37600
19	463.74	97066	-14948	6731	14253	14253.0	0.0	0	28	0.13	0	89327	39600
20	459.20	81114	-15952	4268	12301	12301.0	0.0	0	18	0.09	0	88905	41800
21	455.26	68462	-12652	2903	9281	9281.0	0.0	0	2	0.01	0.12	89171	43900
22	452.70	60946	-7516	2575	6363	6363.0	0.0	0	2	0.01	0.26	89204	45400
23	451.47	57548	-3398	2243	3947	3947.0	0.0	0	19	0.12	0.14	88926	46600
24	451.02	56339	-1209	2080	2690	2690.0	0.0	0	0	0	1.09	89432	48000
25	456.57	72531	16192	10858	2677	2677.0	0.0	0	35	0.19	0.26	90127	39000
26	458.31	78152	5621	7611	4769	4769.0	0.0	0	17	0.09	0.02	89544	36600
27	456.66	72816	-5336	4574	7255	7255.0	0.0	0	18	0.1	0	89305	38400
28	454.39	65842	-6974	3035	6542	6542.0	0.0	0	17	0.1	0	90078	40100
29	453.05	61939	-3903	2435	4394	4394.0	0.0	0	17	0.1	0.16	90051	42200
Totals	(sfd)		1	2913	94979	94979.0	0.0	0					
Totals	(ac-ft)		15320	2	4128	88390.8	1		417				
Totals	(inches)									2.35	6.48		

[1] South Diversion on Canal, [2] Walkerman 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

FEBRUARY 2004

FOLSOM LAKE DAILY OPERATIONS

RUN DATE: March 29, 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	
		554.0									
1	423.03	553.2	-0.8	2,269	2,607	0	0	71	17	.06	.00
2	423.10	553.7	+0.6	2,745	2,369	0	0	75	3	.01	.02
3	423.52	557.3	+3.6	4,006	2,154	0	0	61	0	.00	.63
4	423.91	560.6	+3.3	3,733	2,049	0	0	21	0	.00	.26
5	424.04	561.7	+1.1	3,043	2,400	0	0	70	17	.06	.00
6	424.19	563.0	+1.3	3,118	2,365	0	0	91	17	.06	.00
7	424.26	563.6	+0.6	2,690	2,290	0	0	82	17	.06	.24
8	424.25	563.5	-0.1	2,136	2,071	0	0	85	23	.08	.00
9	424.30	563.9	+0.4	2,665	2,349	0	0	87	14	.05	.00
10	424.29	563.8	-0.1	2,283	2,214	0	0	83	29	.10	.00
11	424.33	564.2	+0.3	2,610	2,329	0	0	83	26	.09	.00
12	424.31	564.0	-0.2	2,282	2,257	0	0	82	29	.10	.00
13	424.32	564.1	+0.1	2,437	2,285	0	0	83	26	.09	.00
14	424.26	563.6	-0.5	2,172	2,332	0	0	84	14	.05	.00
15	424.23	563.3	-0.3	2,313	2,335	0	0	84	23	.08	.00
16	424.36	564.4	+1.1	2,954	2,308	0	0	84	3	.01	.02
17	425.68	575.7	+11.3	8,196	2,397	0	0	83	12	.04	.52
18	427.30	589.8	+14.1	9,201	2,020	0	0	82	12	.04	.52
19	427.91	595.1	+5.3	7,568	4,737	0	50	78	12	.04	.52
20	427.63	592.7	-2.5	6,080	5,713	0	1,512	70	20	.07	.00
21	427.09	588.0	-4.7	4,825	5,639	0	1,488	71	9	.03	.00
22	426.40	582.0	-6.0	4,098	5,641	0	1,402	71	6	.02	.01
23	425.81	576.9	-5.1	4,345	5,639	0	1,206	75	0	.00	.16
24	425.26	572.1	-4.7	4,450	5,635	0	1,118	67	17	.06	.00
25	425.64	575.4	+3.3	7,533	5,631	0	172	67	14	.05	.17
26	427.81	594.3	+18.9	15,034	5,455	0	0	68	0	.00	1.41
27	429.16	606.2	+11.9	10,973	4,865	0	0	76	27	.09	.00
28	429.87	612.5	+6.3	7,303	4,012	0	0	79	27	.09	.00
29	430.41	617.3	+4.8	5,809	3,268	0	0	81	24	.08	.00
TOTALS			+63.3	138,871	97,366	0	6,948	2,194	438	1.51	4.48
ACRE-FEET			+63,300	275,451	193,125	0	13,781	4,352	869		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	193,125	OUTLET	13,781	THIS MONTH =	4.48
SPILL	0	TOTAL	211,258	JULY 1, 2003 TO DATE =	18.35
PUMPING PLANT	4,352				

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

Table 12

FEBRUARY 2004

LAKE NATOMA DAILY OPERATIONS

RUN DATE: March 29, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	FOLSOM SOUTH CANAL	RELEASE - C.F.S.			EVAP C.F.S. (1)
		ACRE-FEET IN LAKE	CHANGE			POWER	SPILL	HATCHERY	
1	124.52	8,040	+481	2,477	40	2,133	0	60	1
2	124.78	8,521	+130	2,311	40	2,145	0	60	0
3	124.64	8,581	-70	2,209	40	2,144	0	60	0
4	123.74	8,139	-442	2,015	40	2,138	0	60	0
5	124.12	8,321	+182	2,325	40	2,132	0	60	1
6	124.28	8,401	+80	2,272	40	2,131	0	60	1
7	124.10	8,311	-90	2,192	43	2,133	0	60	1
8	123.79	8,162	-149	2,180	45	2,149	0	60	1
9	123.82	8,176	+14	2,255	45	2,142	0	60	1
10	123.41	7,984	-192	2,139	45	2,130	0	60	1
11	123.42	7,988	+4	2,232	45	2,124	0	60	1
12	123.23	7,899	-89	2,190	45	2,129	0	60	1
13	123.23	7,899	+0	2,235	45	2,129	0	60	1
14	123.18	7,876	-23	2,224	45	2,130	0	60	1
15	123.18	7,876	+0	2,250	45	2,144	0	60	1
16	123.45	8,003	+127	2,313	45	2,144	0	60	0
17	123.67	8,106	+103	2,286	42	2,131	0	60	1
18	124.37	8,446	+340	2,395	27	2,136	0	60	1
19	123.15	7,862	-584	4,585	0	3,851	967	60	1
20	123.69	8,115	+253	7,148	0	4,909	2,050	60	1
21	123.87	8,200	+85	7,080	0	4,911	2,066	60	0
22	123.73	8,134	-66	7,031	0	4,936	2,068	60	0
23	123.02	7,800	-334	6,902	0	4,960	2,050	60	0
24	123.99	8,256	+456	7,175	0	4,929	1,955	60	1
25	123.26	7,913	-343	5,859	0	4,955	1,016	60	1
26	123.09	7,833	-80	6,014	0	4,973	1,021	60	0
27	122.34	7,494	-339	5,618	7	4,915	806	60	1
28	122.88	7,737	+243	5,096	26	4,886	0	60	1
29	123.44	7,998	+261	3,472	30	3,249	0	60	1
TOTALS			-42	106,480	820	89,918	13,999	1,740	21
ACRE-FEET			-42	211,203	1,626	178,352	27,767	3,451	42

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	178,352	FOLSOM SOUTH CANAL	1,626	TOTAL	211,196
SPILL	27,767	HATCHERY	3,451		

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

Table 13

FEBRUARY 2004

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: March 29, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION		PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE		POWER	SPILL	OUTLET	C.F.S.	INCHES	
		1,377.1								
1	989.74	1,378.8	+1.7	861	0	0	0	17	.06	.00
2	990.03	1,381.4	+2.6	1,300	0	0	0	11	.04	.02
3	990.29	1,383.7	+2.3	1,186	0	0	0	26	.09	.96
4	990.50	1,385.5	+1.9	1,108	71	0	0	100	.35	.15
5	990.65	1,386.9	+1.3	1,008	325	0	0	14	.05	.00
6	990.84	1,388.5	+1.7	864	0	0	0	17	.06	.00
7	991.02	1,390.1	+1.6	847	23	0	0	20	.07	.09
8	991.10	1,390.8	+0.7	845	470	0	0	17	.06	.00
9	991.10	1,390.8	+0.0	933	916	0	0	17	.06	.00
10	991.29	1,392.5	+1.7	865	0	0	0	14	.05	.00
11	991.49	1,394.3	+1.8	940	7	0	0	37	.13	.00
12	991.53	1,394.7	+0.4	821	613	0	0	29	.10	.00
13	991.61	1,395.4	+0.7	903	519	0	0	26	.09	.00
14	991.62	1,395.5	+0.1	716	660	0	0	12	.04	.00
15	991.83	1,397.3	+1.9	978	0	0	0	37	.13	.00
16	992.09	1,399.6	+2.3	1,201	6	0	0	29	.10	.20
17	992.20	1,400.6	+1.0	1,784	1,275	0	0	14	.05	.44
18	992.72	1,405.3	+4.6	2,384	0	0	0	46	.16	.97
19	993.05	1,408.2	+2.9	1,505	0	0	0	20	.07	.23
20	993.46	1,411.9	+3.7	1,894	0	0	0	43	.15	.00
21	993.71	1,414.1	+2.2	1,142	0	0	0	14	.05	.04
22	993.99	1,416.6	+2.5	1,281	0	0	0	17	.06	.12
23	993.93	1,416.1	-0.5	1,034	1,299	0	0	6	.02	.08
24	994.18	1,418.3	+2.2	1,274	122	0	0	20	.07	.04
25	994.60	1,422.1	+3.8	1,994	74	0	0	17	.06	.25
26	995.52	1,430.4	+8.3	4,202	0	0	0	23	.08	1.58
27	996.02	1,434.9	+4.5	2,325	3	0	0	47	.16	.39
28	996.45	1,438.8	+3.9	2,003	10	0	0	29	.10	.05
29	996.80	1,442.0	+3.2	1,616	0	0	0	18	.06	.00
TOTALS			+65.0	39,814	6,393	0	0	737	2.57	5.61
ACRE-FEET			+65,000	78,971	12,681	0	0	1,462		

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
POWER	12,681	OUTLET	0
SPILL	0	TOTAL	12,681
		THIS MONTH =	5.61
		JULY 1, 2003 TO DATE =	18.73

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

FEBRUARY 2004

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: September 14, 2004

DAY	ELEV	STORAGE ACRE-FEET RES. CHANGE		TULLOCH RELEASE	RELEASE - C.F.S.			
					RIVER		CANALS	
				OUTLET	SPILL	JOINT MAIN	SOUTH MAIN	
		537						
1	360.00	537	+0	226	0	228	0	0
2	360.00	537	+0	223	0	229	0	0
3	360.00	537	+0	221	0	225	2	0
4	360.00	537	+0	224	0	223	4	0
5	360.00	537	+0	225	0	222	5	0
6	360.03	539	+2	225	0	221	5	0
7	360.08	543	+4	262	0	267	5	0
8	360.13	546	+3	327	0	350	5	0
9	360.13	546	+0	357	0	393	5	0
10	360.13	546	+0	362	0	397	5	0
11	360.22	552	+6	401	0	429	14	0
12	360.22	552	+0	465	0	495	24	0
13	360.19	550	-2	449	0	497	4	0
14	360.19	550	+0	446	0	498	0	0
15	360.19	550	+0	447	0	498	0	0
16	360.19	550	+0	445	0	499	0	0
17	360.22	552	+2	445	0	498	0	0
18	360.19	550	-2	432	0	494	0	0
19	360.19	550	+0	437	0	490	0	0
20	360.19	550	+0	444	0	496	0	0
21	360.19	550	+0	444	0	495	0	0
22	360.19	550	+0	443	0	495	0	0
23	360.11	545	-5	416	0	472	0	0
24	360.08	543	-2	334	0	372	0	0
25	360.05	541	-2	276	0	299	0	0
26	360.00	537	-4	220	0	283	0	0
27	360.03	539	+2	217	0	223	0	0
28	360.03	539	+0	220	0	220	0	0
29	360.03	539	+0	220	0	221	0	0
TOTALS			+2	9,853	0	10,729	78	0
ACRE-FEET			+2	19,543	0	21,281	155	0

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

SUMMARY
 RELEASE (ACRE-FEET)

JOINT MAIN CANAL	155	OUTLET	0
SOUTH MAIN CANAL	0	SPILL	21,281
		TOTAL	21,436

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

Table 15

FEBRUARY 2004

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: March 29, 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		
		319.1								
1	531.71	321.3	+2.1	1,442	0	260	0	115	1	.01
2	532.16	322.9	+1.7	1,222	0	261	0	115	2	.02
3	532.94	325.8	+2.9	1,862	0	262	0	115	16	.13
4	533.62	328.4	+2.6	1,669	0	264	0	115	1	.01
5	534.26	330.8	+2.4	1,611	0	265	0	115	13	.11
6	534.68	332.4	+1.6	1,192	0	266	0	115	9	.07
7	535.12	334.1	+1.7	1,235	0	267	0	115	11	.09
8	535.57	335.8	+1.7	1,259	0	268	0	116	10	.08
9	536.09	337.8	+2.0	1,389	0	268	0	116	4	.03
10	536.32	338.7	+0.9	841	0	269	0	116	11	.09
11	536.50	339.4	+0.7	747	0	270	0	116	12	.10
12	536.67	340.0	+0.7	829	0	373	0	116	11	.09
13	536.78	340.4	+0.4	785	0	440	0	116	16	.13
14	537.06	341.5	+1.1	1,100	0	435	0	116	6	.05
15	537.22	342.1	+0.6	997	0	549	0	116	20	.16
16	537.37	342.7	+0.6	1,000	0	576	0	116	16	.13
17	537.54	343.4	+0.7	1,014	0	552	0	116	15	.12
18	537.82	344.4	+1.1	1,171	0	495	0	116	14	.11
19	537.92	344.8	+0.4	706	0	394	0	116	1	.01
20	538.42	346.8	+1.9	1,412	0	305	0	116	11	.09
21	538.98	349.0	+2.2	1,491	0	274	0	116	1	.01
22	539.40	350.6	+1.6	1,230	0	275	0	117	8	.06
23	539.77	352.1	+1.5	1,173	0	320	0	117	4	.03
24	540.27	354.0	+2.0	1,426	0	308	0	117	11	.09
25	540.75	355.9	+1.9	1,362	0	277	0	117	17	.13
26	541.86	360.3	+4.4	2,711	0	365	0	118	18	.14
27	542.40	362.4	+2.1	1,639	0	426	0	118	13	.10
28	542.86	364.3	+1.8	1,474	0	422	0	118	10	.08
29	543.36	366.3	+2.0	1,557	0	422	0	118	9	.07
TOTALS			+47.1	37,546	0	10,128	0	3,369	291	2.34
ACRE-FEET			+47,124	74,472	0	20,089	0	6,682	577	

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
CANALS		RIVER	
FRIANT-KERN	20,089	AT FRIANT	6,682
MADERA	0	TOTAL RELEASES	26,771
		THIS MONTH =	2.74
		JULY 1, 2003 TO DATE =	8.32

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.

February 2004

Estimated numbers are in bold italic print

Date	DELTA INFLOW								NDCU	DELTA EXPORTS							OUTFLOW INDEX			Export/Inflow		
	Sacto R @Freeport	SRTP	Yolo + Misc	East Side Streams	S. Joaquin River	Vernalis	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	NDOJ daily	7-day Avg	Monthly Avg	Daily (%)	3 Day (%)
1-Feb-04	24,477	263	0	573	1,484	1,490	1,475	26,797	215	4,896	4,355	279	0	25	9,556	10,698	17,026	13,799	17,026	34.5%	40.2%	40.3%
2-Feb-04	23,606	262	0	556	1,475	1,490	1,478	25,899	900	4,797	4,296	279	0	28	9,400	9,908	15,599	14,179	16,313	35.1%	37.2%	38.0%
3-Feb-04	22,870	261	1,032	668	1,480	1,502	1,509	26,311	-3,436	4,199	4,272	282	0	27	8,779	8,938	20,967	15,425	17,864	32.2%	33.9%	34.8%
4-Feb-04	24,624	260	0	906	1,571	1,513	1,528	27,361	-4,121	4,492	3,821	288	0	29	8,630	8,625	22,852	16,940	19,111	30.4%	32.5%	33.7%
5-Feb-04	32,478	258	0	835	1,584	1,531	1,548	35,155	-4,121	5,959	4,325	294	0	28	10,606	9,022	28,670	19,169	21,023	29.3%	30.5%	34.6%
6-Feb-04	38,434	257	0	696	1,632	1,563	1,576	41,019	-4,121	5,168	4,319	290	0	29	9,806	9,361	35,334	22,254	23,408	23.1%	27.1%	34.5%
7-Feb-04	38,148	256	0	639	1,712	1,593	1,593	40,755	-4,349	5,197	3,827	286	0	26	9,337	9,598	35,768	25,174	25,174	22.1%	24.6%	34.0%
8-Feb-04	34,690	255	0	642	1,697	1,620	1,602	37,284	-13	5,838	3,674	284	0	27	9,824	9,341	27,473	26,666	25,461	25.5%	23.5%	32.1%
9-Feb-04	31,698	255	0	625	1,667	1,645	1,608	34,245	672	6,275	3,656	286	0	27	10,244	9,489	23,329	27,770	25,224	29.0%	25.4%	31.8%
10-Feb-04	29,620	255	0	590	1,650	1,658	1,613	32,115	622	6,165	3,658	285	0	32	10,141	9,756	21,352	27,825	24,837	30.6%	28.2%	32.0%
11-Feb-04	27,800	255	0	573	1,662	1,667	1,616	30,290	622	5,884	3,705	290	0	30	9,909	9,781	19,759	27,384	24,375	31.7%	30.4%	31.6%
12-Feb-04	25,964	255	0	559	1,650	1,670	1,619	28,428	850	6,315	3,706	283	0	31	10,335	9,811	17,243	25,751	23,781	35.2%	32.4%	31.3%
13-Feb-04	24,544	255	0	550	1,651	1,664	1,623	27,000	850	6,496	3,683	293	0	29	10,501	9,929	15,649	22,939	23,156	37.7%	34.8%	31.6%
14-Feb-04	23,313	255	0	539	1,668	1,665	1,629	25,775	850	6,305	3,689	288	0	25	10,307	10,064	14,618	19,918	22,546	38.8%	37.2%	32.1%
15-Feb-04	22,202	255	0	534	1,708	1,671	1,634	24,699	850	6,498	3,709	267	0	27	10,501	10,126	13,348	17,900	21,933	41.3%	39.2%	32.5%
16-Feb-04	21,254	255	0	527	1,710	1,687	1,642	23,746	850	6,469	3,695	91	0	23	10,278	10,122	12,618	16,370	21,350	42.8%	40.9%	32.6%
17-Feb-04	20,387	255	3,898	563	1,757	1,708	1,652	26,860	-3,714	6,474	3,726	83	0	34	10,316	10,190	20,258	16,213	21,286	38.0%	40.6%	32.8%
18-Feb-04	23,058	255	14,794	797	1,813	1,737	1,663	40,717	-5,768	7,240	3,717	67	0	26	11,050	10,440	35,436	18,453	22,072	26.9%	34.3%	32.6%
19-Feb-04	39,074	255	10,204	1,689	1,854	1,794	1,683	53,076	-9,306	7,296	3,711	74	0	22	11,103	10,721	51,279	23,315	23,609	20.7%	26.7%	32.2%
20-Feb-04	56,625	255	9,792	1,636	2,045	1,920	1,727	70,353	-9,306	7,347	3,708	86	0	27	11,169	11,006	68,490	30,864	25,853	15.7%	20.1%	31.1%
21-Feb-04	69,260	255	57,789	1,218	2,554	2,033	1,764	131,076	-9,256	7,489	3,711	86	0	25	11,312	11,087	129,020	47,207	30,766	8.5%	13.1%	26.5%
22-Feb-04	73,310	255	79,065	1,049	2,497	2,147	1,798	156,176	-4,920	7,478	3,725	92	0	24	11,319	11,153	149,776	66,697	36,176	7.2%	9.4%	22.2%
23-Feb-04	73,795	255	77,357	964	2,508	2,253	1,828	154,879	-3,322	7,495	4,227	100	0	27	11,850	11,375	146,351	85,801	40,966	7.6%	7.7%	19.3%
24-Feb-04	73,082	255	67,237	921	2,497	2,341	1,853	143,992	-13	7,252	4,386	90	0	28	11,756	11,521	132,249	101,800	44,769	8.1%	7.6%	17.2%
25-Feb-04	71,919	255	58,484	912	2,430	2,417	1,874	134,000	-13	7,285	3,961	0	0	27	11,273	11,536	122,740	114,272	47,888	8.4%	8.0%	15.5%
26-Feb-04	71,876	255	64,388	1,602	2,387	2,523	1,910	140,508	-3,208	7,430	4,279	0	0	25	11,734	11,531	131,982	125,801	51,123	8.3%	8.3%	14.0%
27-Feb-04	74,551	255	73,229	4,313	2,791	2,717	1,984	155,139	-5,946	7,192	4,475	0	0	29	11,696	11,541	149,389	137,358	54,762	7.5%	8.1%	12.6%
28-Feb-04	74,662	255	79,841	3,297	3,909	2,954	2,061	161,964	-5,718	7,246	4,459	0	0	29	11,734	11,694	155,948	141,205	58,376	7.2%	7.7%	11.6%
29-Feb-04	73,786	255	85,773	1,877	4,157	3,154	2,125	165,848	-5,440	7,324	4,383	0	0	26	11,733	11,693	159,555	142,602	61,865	7.1%	7.3%	10.5%
Total	1,241,107	7,427	682,883	30,850	59,200	55,325	49,215	2,021,467	-78,809	185,502	114,859	5,044	0	793	306,197	300,062	1,794,079	1,391,052	872,093	690.6%	716.7%	815.7%
Average	42,797	256	23,548	1,064	2,041	1,908	1,697	69,706	-2,718	6,397	3,961	174	0	27	10,559	10,347	61,865	47,967	872,093	23.8%	24.7%	28.1%

FEBRUARY 2004

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

RUN DATE: March 29, 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	
		1,664,413									
1	514.00	1,671,182	+6,769	3,845	0	208	0	-224	12	.03	.00
2	514.20	1,673,559	+2,377	2,061	1,000	208	0	+346	58	.15	.00
3	514.65	1,678,913	+5,354	3,073	0	208	0	-166	35	.09	.53
4	515.06	1,683,795	+4,882	2,748	0	208	0	-79	15	.04	.03
5	515.67	1,691,068	+7,273	4,108	0	209	0	-232	27	.07	.00
6	516.01	1,695,127	+4,059	2,230	0	164	0	-19	27	.07	.00
7	516.62	1,702,417	+7,290	4,220	0	178	0	-367	39	.10	.00
8	517.30	1,710,556	+8,139	4,425	0	181	0	-140	54	.14	.00
9	517.61	1,714,271	+3,715	1,979	0	185	0	+79	35	.09	.00
10	517.90	1,717,748	+3,477	2,680	584	189	0	-154	39	.10	.00
11	518.47	1,724,591	+6,843	3,820	0	171	0	-198	35	.09	.00
12	518.49	1,724,831	+240	2,124	1,844	179	0	+21	8	.02	.00
13	518.74	1,727,836	+3,005	1,889	0	168	0	-206	58	.15	.00
14	519.03	1,731,323	+3,487	2,024	0	169	0	-97	19	.05	.00
15	519.62	1,738,425	+7,102	3,914	0	161	0	-172	43	.11	.00
16	519.97	1,742,643	+4,218	2,236	0	160	0	+50	47	.12	.12
17	520.37	1,747,468	+4,825	2,267	0	173	0	+339	23	.06	.01
18	520.70	1,751,452	+3,984	2,118	0	157	0	+47	70	.18	.70
19	521.20	1,757,494	+6,042	3,348	0	128	0	-174	63	.16	.13
20	521.98	1,766,934	+9,440	5,084	0	0	0	-325	31	.08	.05
21	522.58	1,774,207	+7,273	3,853	0	191	0	+4	31	.08	.08
22	523.69	1,787,690	+13,483	7,247	0	190	0	-260	12	.03	.03
23	524.17	1,793,532	+5,842	3,196	0	195	0	-55	20	.05	.09
24	525.45	1,809,141	+15,609	8,701	0	199	0	-633	59	.15	.00
25	526.87	1,826,513	+17,372	8,634	0	171	0	+295	32	.08	.00
26	527.85	1,838,535	+12,022	6,492	0	168	0	-263	32	.08	.61
27	528.75	1,849,600	+11,065	5,770	0	163	0	-28	4	.01	.04
28	529.80	1,862,538	+12,938	6,718	0	163	0	-32	32	.08	.00
29	531.09	1,878,476	+15,938	9,135	0	164	0	-936	24	.06	.00
TOTALS			+214,063	119,939	3,428	5,008	0	-3,579	984	2.52	2.42
ACRE-FEET			+214,063	237,899	6,799	9,933	0	-7,099	1,952		

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
POWER	6,799	SPILL	0
PACHECO TUNNEL	9,933	TOTAL	16,732
		THIS MONTH =	2.42
		JULY 1, 2003 TO DATE =	7.74

FEBRUARY 2004

CONSOLIDATED STATE-FEDERAL O'NEILL FOREBAY
DAILY OPERATIONS

RUN DATE: March 29, 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		
		43,411									
1	219.07	40,762	-2,649	3,107	0	4,680	0	3,845	5,678		+401
2	220.30	43,931	+3,169	3,153	1,000	3,951	0	2,061	4,594		+149
3	220.22	43,723	-208	3,352	0	3,398	0	3,073	4,320		+539
4	219.88	42,841	-882	2,976	0	2,966	0	2,748	3,745		+107
5	219.81	42,660	-181	2,857	0	5,723	0	4,108	4,903		+340
6	220.49	44,427	+1,767	3,053	0	4,747	0	2,230	4,928		+249
7	219.78	42,583	-1,844	2,925	0	4,911	0	4,220	4,808		+264
8	219.03	40,660	-1,923	2,523	0	5,752	0	4,425	5,066		+246
9	220.13	43,489	+2,829	2,271	0	5,890	0	1,979	4,885		+130
10	220.59	44,688	+1,199	2,048	584	5,831	0	2,680	5,385		+207
11	219.09	40,813	-3,875	1,884	0	5,795	0	3,820	6,100		+287
12	220.55	44,583	+3,770	1,810	1,844	6,007	0	2,124	5,781		+144
13	220.64	44,818	+235	1,713	0	5,821	0	1,889	6,037		+511
14	220.42	44,244	-574	1,569	0	6,053	0	2,024	5,845		-42
15	219.36	41,503	-2,741	1,464	0	6,354	0	3,914	5,570		+284
16	219.44	41,708	+205	1,445	0	5,692	0	2,236	5,247		+450
17	218.94	40,432	-1,276	1,435	0	5,186	0	2,267	5,197		+199
18	220.19	43,645	+3,213	1,838	0	6,129	0	2,118	4,530		+301
19	221.40	46,810	+3,165	2,030	0	6,853	0	3,348	4,226		+287
20	221.28	46,495	-315	1,918	0	7,427	0	5,084	4,489		+68
21	222.17	48,836	+2,341	1,719	0	7,182	0	3,853	4,254		+386
22	221.14	46,128	-2,708	1,741	0	7,550	0	7,247	3,506		+97
23	223.10	51,313	+5,185	1,777	0	6,990	0	3,196	2,824		-133
24	222.65	50,113	-1,200	2,391	0	7,753	0	8,701	2,566		+517
25	221.53	47,152	-2,961	2,581	0	5,909	0	8,634	2,056		+707
26	222.06	48,544	+1,392	2,453	0	6,220	0	6,492	2,889		+1,410
27	222.82	50,566	+2,022	2,579	0	7,269	0	5,770	2,951		-107
28	223.14	51,420	+854	2,624	0	7,406	0	6,718	2,934		+52
29	221.78	47,809	-3,611	2,496	0	7,459	0	9,135	3,431		+995
TOTALS			+4,398	65,732	3,428	172,904	0	119,939	128,745		+9,045
ACRE-FEET			+4,398	130,379	6,799	342,955	0	237,899	255,366	405	17,941

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

SUMMARY
RELEASE (ACRE-FEET)

O'NEILL GEN.	0	DOS AMIGOS PUMP	255,366	
SAN LUIS PUMP	237,899	DELIVERIES	405	TOTAL 493,670

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

Table 19

FEBRUARY 2004

FEDERAL-STATE OPERATIONS
 SAN LUIS UNIT

RUN DATE: March 29, 2004

DAY	AQUEDUCT CHECK 12			O'NEILL			SAN LUIS						PACHECO PUMP	DOS AMIGOS			
	STATE	FED	TOTAL	PUMPING		GENER	PUMPING			GENERATION				FED	STATE	TOTAL	
1	9,282	0	9,282	6,162	0	6,162	0	5,951	1,675	7,626	0	0	0	413	3,532	7,731	11,263
2	7,836	0	7,836	6,254	0	6,254	0	2,256	1,832	4,088	0	1,984	1,984	413	3,521	5,591	9,112
3	6,739	0	6,739	6,648	0	6,648	0	2,504	3,592	6,096	0	0	0	413	2,631	5,938	8,569
4	5,883	0	5,883	5,902	0	5,902	0	3,361	2,090	5,451	0	0	0	413	2,642	4,786	7,428
5	11,351	0	11,351	5,667	0	5,667	0	3,105	5,044	8,149	0	0	0	415	2,701	7,024	9,725
6	9,416	0	9,416	6,056	0	6,056	0	2,466	1,957	4,423	0	0	0	326	2,721	7,054	9,775
7	9,740	0	9,740	5,801	0	5,801	0	3,277	5,094	8,371	0	0	0	354	2,667	6,870	9,537
8	11,410	0	11,410	5,004	0	5,004	0	5,863	2,914	8,777	0	0	0	360	2,564	7,484	10,048
9	11,683	0	11,683	4,504	0	4,504	0	734	3,191	3,925	0	0	0	367	2,654	7,036	9,690
10	11,565	0	11,565	4,062	0	4,062	0	2,567	2,748	5,315	0	1,158	1,158	374	2,658	8,023	10,681
11	11,494	0	11,494	3,736	0	3,736	0	1,699	5,877	7,576	0	0	0	340	2,657	9,442	12,099
12	11,914	0	11,914	3,591	0	3,591	0	0	4,212	4,212	0	3,658	3,658	355	2,679	8,788	11,467
13	11,545	0	11,545	3,397	0	3,397	0	0	3,746	3,746	0	0	0	333	2,688	9,286	11,974
14	12,006	0	12,006	3,112	0	3,112	0	240	3,775	4,015	0	0	0	336	2,716	8,877	11,593
15	12,603	0	12,603	2,904	0	2,904	0	2,842	4,922	7,764	0	0	0	320	2,629	8,419	11,048
16	11,290	0	11,290	2,866	0	2,866	0	821	3,615	4,436	0	0	0	317	2,659	7,748	10,407
17	10,287	0	10,287	2,847	0	2,847	0	0	4,496	4,496	0	0	0	344	2,649	7,659	10,308
18	12,157	0	12,157	3,646	0	3,646	0	0	4,202	4,202	0	0	0	311	2,672	6,313	8,985
19	13,593	0	13,593	4,026	0	4,026	0	0	6,641	6,641	0	0	0	253	2,723	5,660	8,383
20	14,732	0	14,732	3,805	0	3,805	0	0	10,084	10,084	0	0	0	0	2,722	6,181	8,903
21	14,246	0	14,246	3,410	0	3,410	0	1,268	6,375	7,643	0	0	0	378	2,720	5,717	8,437
22	14,976	0	14,976	3,453	0	3,453	0	5,506	8,868	14,374	0	0	0	376	2,670	4,285	6,955
23	13,864	0	13,864	3,525	0	3,525	0	2,030	4,309	6,339	0	0	0	387	2,710	2,892	5,602
24	15,379	0	15,379	4,743	0	4,743	0	2,142	15,116	17,258	0	0	0	394	2,745	2,344	5,089
25	11,720	0	11,720	5,120	0	5,120	0	2,418	14,707	17,125	0	0	0	339	2,709	1,369	4,078
26	12,337	0	12,337	4,865	0	4,865	0	3,691	9,185	12,876	0	0	0	333	1,233	4,497	5,730
27	14,418	0	14,418	5,116	0	5,116	0	4,086	7,359	11,445	0	0	0	324	1,257	4,597	5,854
28	14,690	0	14,690	5,205	0	5,205	0	4,225	9,100	13,325	0	0	0	324	1,283	4,536	5,819
29	14,795	0	14,795	4,951	0	4,951	0	10,747	7,373	18,120	0	0	0	326	1,256	5,550	6,806
TOTAL	342,951	0	342,951	130,378	0	130,378	0	237,898	6,800	6,800	0	9,938	9,938	255,365	73,668	181,697	0
FEDERAL	0	0	0	130,378	0	130,378	0	73,799	0	0	0	0	0	73,668	73,668	181,697	0
STATE	342,951	0	342,951	0	0	0	0	164,099	6,800	6,800	0	9,938	9,938	181,697	0	0	0

COMMENTS: ALL VALUES IN ACRE-FEET

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

Table 20

FEBRUARY 2004

FEDERAL-STATE OPERATIONS

RUN DATE: March 29, 2004

DAY	TRACY PUMPING			CLIFT COURT TOTAL	DELTA PUMPING PLANT			FED BANKS XVC	STATE			AQEDUCT CHECK 21			DMC-POOL DEMANDS
	FED	STATE	TOTAL		STATE	FED	TOTAL		AMIGOS XVC	BYRON TOTAL	STATE	FED	TOTAL		
1	8,639	0	8,639	9,711	9,367	0	9,367	0	0	0	9,132	0	9,132	2,477	
2	8,522	0	8,522	9,514	9,278	0	9,278	0	0	0	6,325	0	6,325	2,268	
3	8,473	0	8,473	8,328	8,005	0	8,005	0	0	0	6,925	0	6,925	1,825	
4	7,578	0	7,578	8,910	7,016	0	7,016	0	0	0	6,929	0	6,929	1,676	
5	8,579	0	8,579	11,820	11,734	0	11,734	0	0	0	6,779	0	6,779	2,912	
6	8,566	0	8,566	10,250	9,991	0	9,991	0	0	0	7,193	0	7,193	2,510	
7	7,591	0	7,591	10,309	10,201	0	10,201	0	0	0	7,324	0	7,324	1,790	
8	7,287	0	7,287	11,580	12,550	0	12,550	0	0	0	7,521	0	7,521	2,283	
9	7,252	0	7,252	12,447	12,899	0	12,899	0	0	0	7,438	0	7,438	2,748	
10	7,256	0	7,256	12,229	12,401	0	12,401	0	0	0	8,495	0	8,495	3,194	
11	7,349	0	7,349	11,671	12,639	0	12,639	0	0	0	8,661	0	8,661	3,613	
12	7,351	0	7,351	12,525	12,633	0	12,633	0	0	0	8,600	0	8,600	3,760	
13	7,305	0	7,305	12,884	12,647	0	12,647	0	0	0	8,736	0	8,736	3,908	
14	7,317	0	7,317	12,505	12,591	0	12,591	0	0	0	8,600	0	8,600	4,205	
15	7,357	0	7,357	12,889	12,889	0	12,889	0	0	0	8,534	0	8,534	4,453	
16	7,330	0	7,330	12,831	12,745	0	12,745	0	0	0	7,802	0	7,802	4,464	
17	7,390	0	7,390	12,841	11,227	0	11,227	0	0	0	8,134	0	8,134	4,543	
18	7,373	0	7,373	14,361	14,146	0	14,146	0	0	0	7,752	0	7,752	3,727	
19	7,361	0	7,361	14,471	14,471	0	14,471	0	0	0	7,611	0	7,611	3,335	
20	7,355	0	7,355	14,573	14,723	0	14,723	0	0	0	7,042	0	7,042	3,550	
21	7,361	0	7,361	14,855	15,200	0	15,200	0	0	0	6,937	0	6,937	3,951	
22	7,388	0	7,388	14,833	14,747	0	14,747	0	0	0	6,124	0	6,124	3,935	
23	8,385	0	8,385	14,867	14,716	0	14,716	0	0	0	5,165	0	5,165	4,860	
24	8,700	0	8,700	14,385	14,514	0	14,514	0	0	0	3,601	0	3,601	3,957	
25	7,856	0	7,856	14,450	13,502	0	13,502	0	0	0	3,745	0	3,745	2,736	
26	8,487	0	8,487	14,738	14,048	0	14,048	0	0	0	4,445	0	4,445	3,622	
27	8,877	0	8,877	14,266	14,827	0	14,827	0	0	0	5,383	0	5,383	3,761	
28	8,845	0	8,845	14,373	15,407	0	15,407	0	0	0	4,949	0	4,949	3,640	
29	8,693	0	8,693	14,527	15,152	0	15,152	0	0	0	5,204	0	5,204	3,742	
TOTALS	227,823	0	227,823	367,943	366,266	0	366,266	0	0	0	201,086	0	201,086	97,445	

COMMENTS: ALL VALUES IN ACRE-FEET

- TOTAL TRACY: 02/04/04 - Decrease in Tracy Pumping due to unit malfunction.
- TOTAL TRACY: 02/07/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/08/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/09/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/10/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/11/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/12/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/13/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/14/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/15/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/16/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/17/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/18/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/19/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/20/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/21/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/22/04 - Decrease in Tracy Pumping for fishery protection in lieu of Vernalis Flow Standard.
- TOTAL TRACY: 02/25/04 - Decrease in Tracy Pumping - DMC full due to heavy precipitation.

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
Arvin-Edison WSD	2005	2918											4923
Atwell Island WD	0	0											0
Delano-Earlimart ID	207	1111											1318
Exeter ID	3	5											8
City of Fresno	0	269											269
County of Fresno SA #34	3	4											7
Fresno ID	0	0											0
Garfield WD	0	26											26
Hills Valley ID	0	0											0
International WD	0	0											0
Ivanhoe ID	0	0											0
Kaweah Delta WCD	0	0											0
Kern County Water Agency	0	0											0
Kern-Tulare WD	273	258											531
Kings County WD	0	0											0
Kings River CD	0	0											0
Lewis Creek WD	0	0											0
Lindmore ID	0	0											0
City of Lindsay	151	143											294
Lindsay-Strathmore ID	0	102											102
Wutchumna (Lindsey-Strathmore non-proje	159	33											192
Lower Tule River ID	0	0											0
North-Kern WSD	0	0											0
City of Orange Cove	80	88											168
Orange Cove ID	0	10											10
Pixley ID	0	0											0
Porterville ID	0	0											0
Rag Gulch WD	0	46											46
Rosedale Rio Bravo WSD	0	0											0
Saucelito ID	0	271											271
Semitropic WSD	0	0											0
Shafter Wasco ID	869	6224											7093
Southern San Joaquin MUD	726	3537											4263
Smallwood Vineyards	0	0											0
Stone Corral ID	18	16											34
Strathmore PUD	35	32											67
Styro Tek, Inc.	0	1											1
Tea Pot Dome WD	0	0											0
Terra Bella ID	64	50											114
Tri-Valley WD	0	0											0
Tulare ID	0	0											0
		0											0
Total	4593	15144	0	0	0	0	0	0	0	0	0	0	19737

* Data supplied by Fresno Field Division, Contracts Administration Division

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
MADERA CANAL													
Chowchilla WD	0	0											0
Madera ID	0	0											0
Soquel	0	0											0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MILLERTON LAKE													
County of Madera	2	2											4
Fresno County # 18	6	6											12
Gravelly Ford WD	0	0											0
Total	8	8	0	0	0	0	0	0	0	0	0	0	16

* 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											0
Broadview WD	1069	2348											3417
CCID (Abv CK 13)	393	472											865
CCID (Blw CK 13)	1868	623											2491
Centinella WD	0	0											0
China Island (76.05)	0	168											168
Del Puerto WD	43	321											364
DWR Intertie @MP7.70-R	0	0											0
Eagle Field WD	162	416											578
Firebaugh Canal	101	1940											2041
Frietas Unit (76.05L)	0	569											569
Mercy Springs WD	37	144											181
Oro Loma WD	47	505											552
Panoche WD - Ag	284	453											737
Panoche WD - M&I	2	3											5
Patterson WD	0	131											131
Plainview WD	0	17											17
Salt Slough Unit (76.05L)	1009	0											1009
San Luis WD - Ag	254	1238											1492
San Luis WD - M&I	1	1											2
Tracy, City of	0	447											447
West Side ID	0	0											0
Widren	0	13											13
W. Stanislaus ID	64	319											383
F&G - Los Banos Ref. 76.05L	1027	0											1027
Volta Wildlife Mgmt Area (F&G)	38	245											283
Grasslands WD -76.05L	6638	3623											10261
Grasslands WD - Volta	215	571											786
F&S (Volta) Santa Fee Kest.	0	569											569
F&S - Kesterson 76.05L	0	0											0
Total DMC Deliveries	13252	15136	0	0	0	0	0	0	0	0	0	0	28388
Oneill Net Pumped	218374	130378											348752
DMC plus Oneill	231626	145514	0	0	0	0	0	0	0	0	0	0	377140

* Data supplied by San Luis Delta-Mendota Water Authority

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
SAN LUIS CANAL													
City of Avenal	182	168											168
Broadview WD	2	0											0
City of Coalinga	325	343											343
City of Dos Palos	69	68											68
City of Huron	48	47											47
Pacheco WD	1	1											1
Pacheco CCID Non-project (Hamburg)	329	724											1053
Panoche WD	4250	4383											8633
San Luis WD	2383	5047											7430
Westlands WD (Federal)	60726	51482											112208
Fish & Game (Lateral 4 - Federal)	1	0											1
Fish & Game (Lateral 6 - Federal)	0	0											0
Total	68316	62263	0	0	0	0	0	0	0	0	0	0	130579
O'NEILL FOREBAY DELIVERIES													
Oneill Forebay Wildlife (Federal)	60	65											125
San Luis WD Ag	54	316											370
San Luis M&I	27	24											51
VA Cemetary	1	1											2
Total	142	406	0	0	0	0	0	0	0	0	0	0	548
CROSS VALLEY CANAL													
County of Fresno	0	0											0
County of Tulare	0	0											0
Lower Tule River ID	0	0											0
Pixley ID	0	0											0
Kern-Tulare WD	0	0											0
Rag Gulch WD	0	0											0
Hills-Valey ID	0	0											0
Tri-Valley ID	0	0											0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN FELIPE DIVISION													
Santa Clara	9868	7309											17177
San Benito	1203	2629											3832
Total	11071	9938	0	0	0	0	0	0	0	0	0	0	21009

* 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											217
Cortina WD	0	0											0
Davis WD	0	0											0
Dunnigan WD	5	10											15
4-M Water District	1	0											1
GCID	0	161											161
Glenn Valley WD	0	0											0
Glide WD	0	0											0
Holthouse WD	0	0											0
Kanawha WD	3	9											12
Kirkwood WD	0	0											0
La Grande WD	0	0											0
Myers-Marsh MWC	0	0											0
Orland-Artois WD	5	17											22
Westside WD	6	6											12
Total	128	312	0	0	0	0	0	0	0	0	0	0	440

Data supplied by Willows Field Division, Water and Land Division

Table 28

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

Monthly Deliveries in AF

Sacramento River
2004

Water Users	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A&F Boeger Corp & Thunder Farms	0	0											0
Anderson Cottonwood ID	0	0											0
Andreotti, Arthur, et al	0	0											0
Baber, Jack, et	0	0											0
A&R Farms (Odysseus)	0	0											0
Cannel, Fred	0	0											0
Carter, Jane	0	0											0
Colusa Prop. Inc	0	0											0
Conaway Conservancy Group	0	0											0
Davis, Olive P, et al	0	0											0
Deseret Farms of Calif	0	0											0
Dommer, Elizabeth	0	0											0
Forry, David G, et al	0	0											0
Forster, Rosemary	0	0											0
Furlan Joint Venture (Area #1)	0	0											0
Furlan Joint Venture (Area #2)	0	0											0
Glenn-Colusa ID	0	0											0
Griffin, J, et al	0	0											0
Henle Family Limited Partnership	0	0											0
Hershey Land Co	0	0											0
Hiatt, Glenn	0	0											0
Hollins, Mariette B	0	0											0
Howald Farms	0	0											0
King, Barbara	0	0											0
Knaggs Walnut Ranches Co, L.P.	0	0											0
Lockett, William P.	0	0											0
Loma Cold Storage/J Micheli	0	0											0
M&T Inc.	0	0											0
MCM Properties, Inc	0	0											0
Maxwell ID	0	0											0
Meridan Farms WC	0	0											0
Natomas Central MWC	0	0											0
O'Brien, Janice	0	0											0
Oji Bros. Farms Inc	0	0											0
Oji, Mitsue Family PTN	0	0											0
Pelger Mutual WC	0	0											0
Pleasant Grove-Verona MWC	0	0											0
Princeton,-Codora-Glenn ID	0	0											0
Provident Irrigation District	0	0											0
Reclamation Dist #108	0	0											0
Reclamation Dist #1004	0	0											0
Reynen, John, et al	0	0											0
River Garden Farms	0	0											0
Roberts Ditch Irrigation Co	0	0											0
Sartain Mutual WC	0	0											0
Siddiqui, J & A & Siddiqui Family Plan	0	0											0
Spence, Ruth Ann	0	0											0
Sutter Mutual WC	0	0											0
Swinford Tract Irrigation Co	0	0											0
Tarke, James, et al	0	0											0
Tisdale Irrigation & Drain	0	0											0
Wallace Construction, Inc.	0	0											0
Wells, Joyce M	0	0											0
Wilson Ranch Partnership	0	0											0
Windswept Land & Livestock Co.	0	0											0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0

* Data supplied by Willows Field Division, Water and Land Division (long-form contracts only)

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
Sacramento River												
Shasta computed inflow	10630	23518										
At Keswick	7638	21345										
At Bend Bridge	13819	32088										
At Vina Bridge	18233	43796										
At Ord Ferry	19581	44092										
At Colusa	19229	26792										
Below Wilkins Slough	18048	19703										
At Verona	33182	39903										
Sacramento at "I" Street	35497	42770										
Miscellaneous Stations												
Folsom computed inflow	3077	4789										
American R at Nimbus Dam	2511	3643										
Kings River at Pine Flat	155	340										
San Joaquin River												
At Friant Dam	113	116										
Near Vernalis	1759	2167										
Putah Creek												
Berryessa computed inflow	1096	3524										
Putah Creek - Lake Solano	40	2728										
Stanislaus River												
New Melones computed inflow	1144	1373										
At Tulloch Dam	233	340										
At Orange Blossom	360	453										

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

Precipitation Summary

Table 30

STATION	Month	Actual	Mean	Mean	Percent	Actual
	Feb-04	Jul 04 - Feb 04	Season	Season	of Jul-Jun	WY 03
				Total	Season	Total
				Jul 03 - Jun 04	TOTAL	Oct 03 - Feb 04
Alturas	1.58	10.00	7.57	12.48	80	8.31
Auberry	5.81	15.08	17.57	25.15	60	14.68
Auburn	7.24	22.12	23.83	33.66	66	21.65
Bakersfield	1.63	4.12	4.03	6.12	67	4.01
Blue Canyon	10.03	41.94	46.19	64.24	65	39.51
Cachuma	6.52	10.09	14.76	20.74	49	10.07
Calaveras Big Trees	10.57	34.78	39.07	54.99	63	33.46
Callahan	5.06	18.29	16.19	21.51	85	13.42
Colfax	12.69	37.75	34.30	47.47	80	36.41
Crane Valley	2.91	18.11	28.37	40.31	45	14.74
East Park	8.18	27.62	13.69	17.92	154	27.26
Folsom	4.48	18.35	17.72	24.64	74	18.03
Ft. Jones	4.44	14.52	16.80	21.69	67	12.31
Fresno	1.69	5.95	7.00	10.24	58	5.91
Friant Dam	2.90	8.48	10.01	14.40	59	8.47
Hetch Hetchy	8.86	25.70	24.88	35.93	72	24.19
Huntington	8.57	26.98	29.85	43.14	63	25.23
Georgetown	10.52	33.48	39.11	54.14	62	32.80
Lake Spaulding	16.77	57.83	49.67	69.73	83	55.48
Markley Cove (Berryessa)	8.91	24.77	20.19	25.53	97	24.14
McCloud	13.82	42.72	36.26	49.51	86	41.17
Mt. Shasta	14.58	39.43	27.90	38.51	102	.796
New Melones	5.61	18.74	19.09	26.70	70	18.11
Pacific House	10.52	32.32	36.14	5.12	631	31.24
Placerville	8.40	24.91	27.64	38.85	64	23.91
Sacramento	NA	6.60	10.41	18.42	36	8.33
Salt Springs	9.72	34.14	24.60	45.51	75	32.18
San Luis	2.42	7.67	6.11	9.81	78	7.39
Shasta Dam	19.50	59.33	34.67	61.59	96	57.61
Soda Springs	11.61	45.70	32.81	58.99	77	43.30
Stony Gorge	6.69	22.11	10.63	18.59	119	21.33
Susanville Airport	6.40	12.26	10.32	18.10	68	11.19
Tiger Creek	9.03	30.76	25.53	46.84	66	30.17
Trinity River Hatchery	7.30	28.50	25.57	34.21	83	26.91
Twin Lakes	7.89	28.29	33.30	47.56	59	28.29
Weaverville Ranger St.	10.96	35.91	29.49	38.52	93	35.07
Whiskeytown Dam	23.06	51.45	44.82	62.17	83	50.36
Yosemite Valley Hdqts.	8.46	26.27	25.58	36.88	71	24.64
Klamath Experiment St.	NA	6.93	9.42	13.02	53	5.30

Data supplied by various agencies.