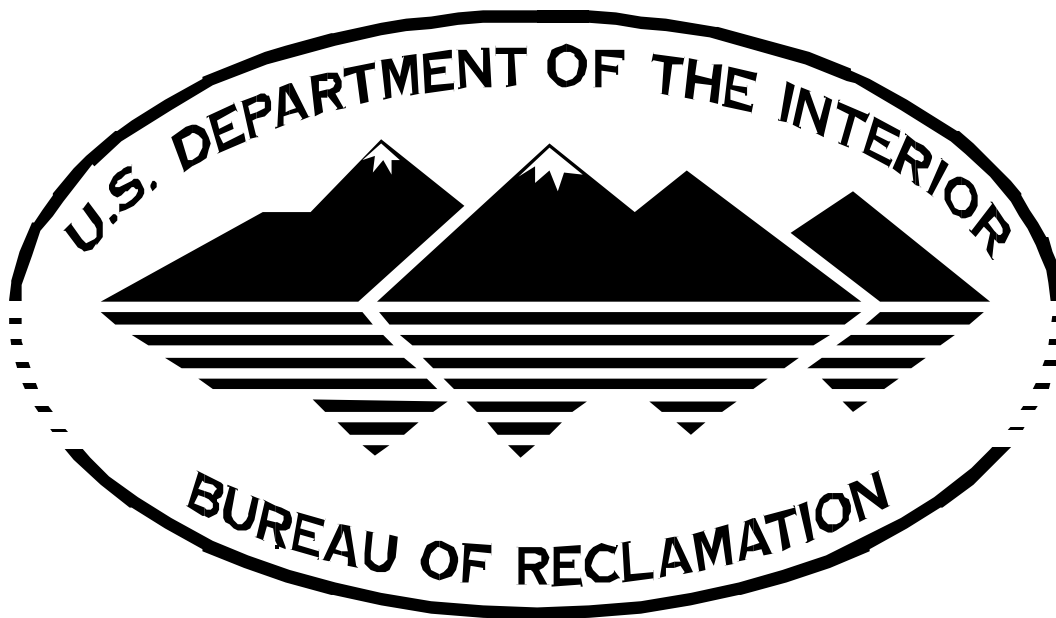


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION**

CENTRAL VALLEY OPERATIONS OFFICE

REPORT OF OPERATIONS



January 2004

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SUMMARY OF JANUARY 2004 OPERATIONS

Sacramento had an average monthly temperature of 48.2 °F which was normal. The average temperature at Shasta Dam was 44.5 °F which was 1.8 °F below normal and Huntington Lake was .4 °F above normal with an average temperature of 36.4 °F.

Trinity System: Storage in Trinity Lake increased 84,000 acre-feet this month to 1,890,100 acre-feet, which is 77 percent of capacity and 118 percent of the 15 year average for this date. The total inflow for the month was 118,229 acre-feet. The Trinity River release was 300 ft³/s. Whiskeytown Lake was operated between elevations 1198.05 feet and 1198.73 feet with an end-of-month storage of 205,400 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 23,132 acre-feet.

Shasta-Keswick: Storage in Shasta Lake increased 260,700 acre-feet for an end-of-month storage of 3,606,500 acre-feet, which is 79 percent of capacity and 118 percent of the 15 year average. The total inflow for the month was 653,633 acre-feet. The release to the Sacramento River at Keswick ranged between 4,500 and 13,000 ft³/s for the month.

Folsom-Nimbus: Storage in Folsom Lake increased 21,300 acre-feet and had an end-of-month storage of 554,000 acre-feet, which is 57 percent of capacity and 121 percent of the 15 year average for this date. The total inflow for the month was 189,182 acre-feet. The release to the American River at Nimbus ranged between 2,000 and 3,500 ft³/s during the month.

New Melones: Storage in New Melones increased 59,600 acre-feet for an end-of-month storage of 1,377,100 acre-feet or 57 percent of capacity and 107 percent of the 15 year average. The release to the Stanislaus River at Goodwin Dam ranged between 200 to 250 ft³/s for the month. The total inflow for the month was 70,355 acre-feet.

Delta-San Luis: Federal storage in San Luis Reservoir on January 31, 2004, was 855,000 acre-feet compared to the storage a year ago of 868,000 acre-feet.

Friant: Storage in Millerton Lake increased 65,958 acre-feet to 319,100 acre-feet. The total monthly inflow was 79,582 acre-feet. The release to the San Joaquin River at Friant varied between 111 and 115 ft³/s.

CVP Totals: The total diversions to CVP canals were 288,453 acre-feet. The January 31, 2004, storage in the 18 CVP reservoirs was 8,283,000 acre-feet compared to storage 1 year ago of 8,297,000 acre-feet.

Power: Gross power production for the CVP totaled 284,337 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	01/31/04	01/31/03	WATERSHED	RESERVOIR	TOTAL CAPACITY	01/31/04	01/31/03
KLAMATH	CLEAR LAKE *	526,800	83,460	115,890	AMERICAN	FOLSOM LAKE *CVP	1,010,300	554,000	601,050
	GERBER *	94,300	18,150	24,340		LAKE NATOMA *CVP	9,030	8,040	8,320
	UPR KLAMATH LK *	873,300	269,200	350,860	COSUMNES				
TRINITY	CLAIR ENGLE LK*CVP	2,447,700	1,890,110	1,885,930	MOKELUMNE	CAMANCHE	431,500	310,040	282,800
	LEWISTON LAKE*CVP	14,660	13,860	13,970		PARDEE	210,000	166,610	171,690
	WHISKEYTOWN *CVP	241,100	205,450	205,480	SALT SPRINGS	140,000	14,480	27,830	
MCCLLOUD	MCCLLOUD DIV. RES	35,230	19,710	25,660	CALAVERAS	NEW HOGAN	317,100	116,160	139,020
PIT	IRON CANYON	24,240	9,240	4,490		NEW MELONES*CVP	2,420,000	1,377,130	1,405,250
	LAKE BRITTON	40,620	33,500	38,560		BEARDSLEY	97,800	48,900	21,110
	PIT NO. 6	15,890	13,420	14,130	STANISLAUS	DONNELLS	64,320	10,340	7,500
SACRAMENTO	RED BLUFF DIV *CVP	3,920	440	720	TULLOCH	67,000	55,540	55,340	
	SHASTA LAKE *CVP	4,552,000	3,606,550	3,536,770	TUOLUMNE	LAKE ELEANOR	26,100	7,810	6,160
	SPRING CREEK *CVP	5,900	1,010	980		LAKE LLOYD	268,000	225,390	192,190
	KESWICK *CVP	23,800	22,190	20,710		HETCH-HETCHY	360,400	248,130	238,560
FEATHER	RED BLUFF DIV *CVP	3,920	440	720	NEW DON PEDRO	2,030,000	1,538,170	1,374,500	
	OROVILLE	3,538,000	2,458,930	2,153,510	TURLOCK LAKE	49,000	18,180	17,660	
	THERMALITO DIV RES	13,500	12,620	13,200	MERCED	EXCHEQUER	1,024,600	402,910	360,840
	THERMALITO FORE.	14,400	39,870	11,390	BUCHANAN	150,000	20,960	19,850	
STONY CREEK	THERMALITO AFTER.	57,000	NR	34,550	CRANE VALLEY	45,400	23,640	26,750	
	LAKE ALMANOR	1,143,000	718,850	803,420	LAKE T.A. EDISON	125,000	52,690	46,280	
	EAST PARK *	50,900	48,570	48,660	FLORENCE LAKE	64,600	1,130	1,000	
PUTAH CREEK	STONY GORGE *	50,000	37,410	40,190	SAN JOAQUIN	MAMMOTH POOL	122,700	19,770	15,300
	BLACK BUTTE *CVP	143,700	46,620	43,960		HUNTINGTON LAKE	89,800	289,003	45,870
	LAKE BERRYESSA *	1,602,300	1,586,300	1,570,780		REDINGER LAKE	35,000	19,510	23,820
YUBA	LAKE SOLANO *	720	530	520	SHAVER LAKE	135,400	100,490	108,420	
	BULLARDS BAR	930,000	29,350	729,060	MILLERTON LK *CVP	520,500	319,140	360,800	
	SO. YUBA SYSTEM	146,000	29,350	56,500	FRESNO	HIDDEN	90,000	14,550	17,820
BEAR	NARROWS	70,000	64,600	64,210	SAN LUIS **CVP	2,040,600	1,664,410	1,437,580	
	ROLLINS	65,990	65,990	65,990	O'NEILL FORE.**CVP	56,400	43,410	45,940	
LITTLE TRUCKEE	STAMPEDE *	226,620	130,600	116,300	SAN LUIS	L BANOS RES**CVP	34,560	19,140	20,170
	BOCA *	41,140	5,100	8,400		LT PANOCHE **CVP	5,580	770	830
PROSSER	PROSSER CREEK *	29,840	9,600	8,700	OIL CANYON	CONTRA LOMA *CVP	2,100	1,740	2,000
TRUCKEE	LAKE TAHOE *	732,000	43,700	86,100	KINGS	WISHON	128,300	40,860	38,330
	RYE PATCH *	190,000	14,400	14,900	PINE FLAT	1,001,500	55,020	305,140	
HUMBOLDT					KAWEAH	TERMINUS	143,000	15,470	16,110
CARSON	LAHONTAN *	317,280	135,600	137,500	TULE	SUCCESS	82,300	11,140	14,010
	TWIN LAKES	21,600	10,850	13,630	KERN	ISABELLA	588,100	151,260	142,020
	FRENCH MEADOWS	136,400	51,530	75,390	CUYAMA	TWITCHHELL *	240,100	0	5,160
AMERICAN	HELL HOLE	207,590	125,640	137,470	SANTA YNEZ	LAKE CACHUMA *	190,500	104,950	123,170
	LOON LAKE	76,500	34,360	31,520	COYOTE	LAKE CASITAS *	254,000	177,020	193,660
	ICE HOUSE	46,000	27,100	24,300	TOTAL - 85 RESERVOIRS		33,749,040	20,355,073	20,649,430
	UNION VALLEY	277,300	147,480	158,000	TOTAL - 36 RESERVOIRS		18,951,650	12,438,600	12,435,590
	SLAB CREEK	16,600	13,850	15,140	TOTAL - 18 RESERVOIRS		13,531,850	9,774,010	9,590,460

** - 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

JANUARY 2004

SHASTA LAKE DAILY OPERATIONS

RUN DATE: March 12, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION		PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE		POWER	RIVER SPILL	OUTLET	C.F.S.	INCHES	
		3,346.0								
1	1,024.23	3,389.7	+43.8	28,125	6,065	0	0	0	.00	3.00
2	1,025.02	3,409.1	+19.4	17,498	7,702	0	0	0	.00	.20
3	1,025.20	3,413.6	+4.4	14,294	12,051	0	0	0	.00	.06
4	1,025.28	3,415.6	+2.0	12,805	11,373	0	406	29	.04	.08
5	1,025.03	3,409.4	-6.2	7,861	10,932	0	0	44	.06	.00
6	1,024.65	3,400.0	-9.3	7,383	11,120	0	976	0	.00	.05
7	1,024.38	3,393.4	-6.6	8,711	11,146	0	899	14	.02	.66
8	1,024.31	3,391.7	-1.7	11,275	11,136	0	978	29	.04	.47
9	1,024.73	3,402.0	+10.3	15,089	9,882	0	0	0	.00	.46
10	1,025.28	3,415.6	+13.6	15,744	8,901	0	0	7	.01	1.00
11	1,025.77	3,427.7	+12.1	13,168	7,040	0	0	22	.03	.00
12	1,026.14	3,436.8	+9.2	11,895	7,254	0	0	22	.03	.00
13	1,026.55	3,447.0	+10.2	10,617	5,461	0	0	22	.03	.00
14	1,026.98	3,457.7	+10.7	11,367	5,982	0	0	0	.00	.00
15	1,027.49	3,470.4	+12.7	11,788	5,349	0	0	22	.03	.20
16	1,028.18	3,487.7	+17.2	13,780	5,033	0	0	52	.07	.00
17	1,028.76	3,502.2	+14.6	12,156	4,819	0	0	0	.00	.00
18	1,029.31	3,516.1	+13.8	11,858	4,866	0	0	15	.02	.00
19	1,029.71	3,526.2	+10.1	9,546	4,439	0	0	22	.03	.00
20	1,030.13	3,536.8	+10.6	9,697	4,320	0	0	30	.04	.00
21	1,030.35	3,542.3	+5.6	6,747	3,869	0	0	67	.09	.00
22	1,030.53	3,546.9	+4.6	6,097	3,716	0	0	82	.11	.00
23	1,030.79	3,553.5	+6.6	6,831	3,472	0	0	37	.05	.00
24	1,031.08	3,560.9	+7.4	7,106	3,374	0	0	22	.03	.17
25	1,031.36	3,568.0	+7.1	6,735	3,140	0	0	0	.00	.00
26	1,031.68	3,576.1	+8.1	7,134	2,989	0	0	37	.05	.00
27	1,032.03	3,585.1	+8.9	7,843	3,339	0	0	8	.01	.66
28	1,032.26	3,590.9	+5.9	7,146	4,179	0	0	0	.00	.33
29	1,032.40	3,594.5	+3.6	5,738	3,849	0	0	83	.11	.00
30	1,032.71	3,602.5	+7.9	7,429	3,415	0	0	15	.02	.32
31	1,032.87	3,606.5	+4.1	6,072	3,977	0	0	30	.04	.00
TOTALS			+260.7	329,535	194,190	0	3,259	711	.96	7.66
ACRE-FEET			+260,700	653,633	385,176	0	6,464	1,410		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	385,176	OUTLET	6,464	THIS MONTH =	7.66
SPILL	0	TOTAL	391,640	JULY 1, 2003 TO DATE =	39.83

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

Table 4

JANUARY 2004

TRINITY LAKE DAILY OPERATIONS

RUN DATE: February 12, 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)	
		1,806.2								
1	2,327.34	1,809.3	+3.1	1,897	324	0	0	0	.00	.66
2	2,327.55	1,812.2	+2.8	1,798	362	0	0	0	.00	.35
3	2,327.69	1,814.0	+1.9	1,271	314	0	0	0	.00	.00
4	2,327.77	1,815.1	+1.1	1,203	656	0	0	0	.00	.00
5	2,327.80	1,815.5	+0.4	1,100	895	0	0	0	.00	.00
6	2,327.82	1,815.8	+0.3	828	679	0	0	12	.03	.20
7	2,327.95	1,817.6	+1.8	1,551	662	0	0	0	.00	.20
8	2,328.17	1,820.6	+3.0	2,197	684	0	0	4	.01	.10
9	2,328.59	1,826.3	+5.7	3,149	264	0	0	0	.00	.30
10	2,329.05	1,832.6	+6.3	3,359	194	0	0	4	.01	.34
11	2,329.42	1,837.6	+5.1	2,583	14	0	0	16	.04	.02
12	2,329.74	1,842.0	+4.4	2,419	211	0	0	0	.00	.00
13	2,330.04	1,846.1	+4.1	2,321	242	0	0	8	.02	.04
14	2,330.36	1,850.5	+4.4	2,599	376	0	0	4	.01	.04
15	2,330.74	1,855.7	+5.2	2,969	334	0	0	0	.00	.33
16	2,331.09	1,860.6	+4.8	2,595	157	0	0	8	.02	.00
17	2,331.40	1,864.8	+4.3	2,411	238	0	0	12	.03	.00
18	2,331.67	1,868.6	+3.7	2,130	240	0	0	8	.02	.00
19	2,331.91	1,871.9	+3.3	1,942	257	0	0	12	.03	.00
20	2,332.09	1,874.4	+2.5	2,082	816	0	0	8	.02	.00
21	2,332.19	1,875.8	+1.4	1,704	987	0	0	16	.04	.00
22	2,332.29	1,877.2	+1.4	1,586	874	0	0	12	.03	.00
23	2,332.36	1,878.1	+1.0	1,571	1,072	0	0	8	.02	.00
24	2,332.44	1,879.3	+1.1	1,592	1,019	0	0	12	.03	.30
25	2,332.51	1,880.2	+1.0	1,374	871	0	0	12	.03	.00
26	2,332.59	1,881.3	+1.1	1,821	1,256	0	0	4	.01	.00
27	2,332.69	1,882.7	+1.4	1,983	1,282	0	0	0	.00	.92
28	2,332.79	1,884.1	+1.4	1,020	320	0	0	0	.00	.35
29	2,332.91	1,885.8	+1.7	1,526	677	0	0	8	.02	.00
30	2,333.06	1,887.9	+2.1	1,360	299	0	0	8	.02	.13
31	2,333.22	1,890.1	+2.2	1,665	517	0	0	21	.05	.00
TOTALS			+84.0	59,606	17,093	0	0	197	.49	4.28
ACRE-FEET			+84,000	118,229	33,904	0	0	391		

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	33,904	OUTLET	0	PRECIPITATION	
SPILL	0	TOTAL	33,904	THIS MONTH =	4.28
				JULY 1, 2003 TO DATE =	21.30

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

JANUARY 2004

WHISKEYTOWN LAKE DAILY OPERATIONS

RUN DATE: March 12, 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.		TO SPRING CR. PP	EVAP. C.F.S. INCHES	PRECIP INCHES		
						TO CLEAR CR (1) OUTLETS	SPILL					
		206.5										
1	1,198.54	205.8	-0.7	2,492	118	2,374	200	0	2,633	0	.00	.63
2	1,198.05	204.4	-1.4	1,391	118	1,273	200	0	1,919	0	.00	2.30
3	1,198.18	204.7	+0.4	912	118	794	200	0	519	0	.00	.00
4	1,198.38	205.3	+0.6	1,031	398	633	200	0	534	0	.00	.00
5	1,198.29	205.1	-0.3	1,211	737	474	200	0	1,145	0	.00	.02
6	1,198.11	204.5	-0.5	699	287	412	200	0	766	0	.00	.03
7	1,198.28	205.0	+0.5	996	452	544	200	0	543	0	.00	.60
8	1,198.59	205.9	+0.9	1,218	456	762	200	0	558	0	.00	.40
9	1,198.47	205.6	-0.4	1,447	118	1,329	200	0	1,417	8	.09	.51
10	1,198.55	205.8	+0.2	1,559	118	1,441	200	0	1,241	0	.00	.25
11	1,198.56	205.9	+0.0	1,287	118	1,169	200	0	1,070	2	.02	.00
12	1,198.73	206.4	+0.5	1,110	118	992	200	0	657	0	.00	.00
13	1,198.39	205.4	-1.0	995	118	877	200	0	1,300	0	.00	.00
14	1,198.35	205.2	-0.1	942	118	824	200	0	801	0	.00	.00
15	1,198.46	205.6	+0.3	914	118	796	200	0	545	6	.07	.38
16	1,198.42	205.4	-0.1	792	118	674	200	0	651	0	.00	.00
17	1,198.35	205.2	-0.2	727	118	609	200	0	631	0	.00	.00
18	1,198.29	205.1	-0.2	624	118	506	200	0	513	0	.00	.00
19	1,198.18	204.7	-0.3	580	118	462	200	0	540	3	.03	.00
20	1,198.39	205.4	+0.6	1,072	623	449	200	0	556	4	.05	.00
21	1,198.46	205.6	+0.2	1,221	813	408	200	0	914	3	.04	.00
22	1,198.38	205.3	-0.2	1,110	722	388	200	0	1,025	4	.05	.00
23	1,198.41	205.4	+0.1	1,242	837	405	200	0	997	0	.00	.00
24	1,198.36	205.3	-0.1	1,162	811	351	200	0	1,036	0	.00	.05
25	1,198.22	204.9	-0.4	1,001	679	322	200	0	1,009	0	.00	.00
26	1,198.33	205.2	+0.3	1,419	1,060	359	200	0	1,056	0	.00	.00
27	1,198.55	205.8	+0.6	1,565	1,117	448	200	0	1,038	0	.00	.89
28	1,198.39	205.4	-0.5	425	118	307	200	0	462	0	.00	.26
29	1,198.57	205.9	+0.5	735	411	324	200	0	268	0	.00	.00
30	1,198.40	205.4	-0.5	563	118	445	200	0	597	19	.22	.21
31	1,198.42	205.4	+0.1	736	371	365	200	0	506	0	.00	.00
TOTALS			-1.1	33,178	11,662	21,516	6,200	0	27,447	49	.57	6.53
ACRE-FEET			-1.1	65,809	23,132	42,677	12,298	0	54,441	97		

* 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	54,441	OUTLET	12,298	THIS MONTH	6.53
SPILL	0	TOTAL	66,739	JULY 1, 2003 TO DATE	28.18

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

Table 6

JANUARY 2004

LEWISTON LAKE DAILY OPERATIONS

RUN DATE: February 12, 2004

DAY	ELEV	STORAGE ACRE-FEET		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
		13,808								
1	1,900.99	13,904	+96	466	0	90	210	118	0	.00
2	1,901.04	13,941	+37	437	0	90	210	118	0	.00
3	1,900.93	13,859	-82	377	0	90	210	118	0	.00
4	1,900.75	13,727	-132	631	0	90	210	398	0	.00
5	1,900.47	13,521	-206	933	0	170	130	737	0	.00
6	1,901.07	13,963	+442	811	0	170	130	287	1	.03
7	1,901.21	14,068	+105	805	0	170	130	452	0	.00
8	1,901.60	14,360	+292	903	0	170	130	456	0	.01
9	1,901.72	14,450	+90	463	0	170	130	118	0	.00
10	1,901.73	14,457	+7	422	0	170	130	118	0	.01
11	1,901.25	14,098	-359	238	0	170	130	118	1	.04
12	1,901.20	14,061	-37	399	0	170	130	118	0	.00
13	1,901.18	14,046	-15	410	0	170	130	118	0	.02
14	1,901.52	14,300	+254	546	0	170	130	118	0	.01
15	1,901.71	14,442	+142	490	20	170	110	118	0	.00
16	1,901.46	14,255	-187	324	43	127	130	118	0	.02
17	1,901.38	14,195	-60	389	80	90	130	118	1	.03
18	1,901.31	14,143	-52	392	80	90	130	118	0	.02
19	1,901.22	14,076	-67	385	80	90	130	118	1	.03
20	1,901.30	14,135	+59	954	80	90	130	623	1	.02
21	1,901.32	14,150	+15	1,122	80	90	130	813	1	.04
22	1,901.22	14,076	-74	986	80	90	130	722	1	.03
23	1,901.21	14,068	-8	1,133	80	90	130	837	0	.02
24	1,901.20	14,061	-7	1,108	80	90	130	811	1	.03
25	1,901.15	14,023	-38	961	80	90	130	679	1	.03
26	1,901.18	14,046	+23	1,372	80	90	130	1,060	0	.01
27	1,901.04	13,941	-105	1,364	80	90	130	1,117	0	.00
28	1,901.05	13,948	+7	422	80	90	130	118	0	.00
29	1,901.16	14,031	+83	753	80	90	130	411	0	.02
30	1,901.14	14,016	-15	410	80	90	130	118	0	.02
31	1,900.93	13,859	-157	593	80	90	130	371	1	.05
TOTALS			+51	20,999	1,263	3,707	4,330	11,662	10	.49
ACRE-FEET			+51	41,652	2,505	7,353	8,589	23,132	20	

* 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	2,505	JUDGE FRANCIS CARR POWERPLANT	23,132
TOTAL RIVER	18,447	TOTAL RELEASE	41,579

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

Table 7

JANUARY 2004

SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS

RUN DATE: February 12, 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	
		1,041							
1	718.72	1,140	+99	100	0	50			
2	733.47	1,726	+586	378	0	83			
3	729.83	1,569	-157	51	0	130			
4	724.88	1,368	-201	29	0	130			
5	718.50	1,133	-235	9	0	127			
6	712.81	945	-188	-4	0	91			
7	712.72	943	-2	34	0	35			
8	713.30	961	+18	62	0	53			
9	715.04	1,016	+55	105	0	77			
10	718.59	1,136	+120	115	0	55			
11	717.76	1,107	-29	70	0	85			
12	715.91	1,045	-62	51	0	82			
13	714.09	986	-59	45	0	75			
14	711.51	906	-80	35	0	75			
15	711.62	910	+4	45	0	43			
16	713.18	957	+47	44	0	20			
17	713.23	958	+1	31	0	30			
18	712.94	949	-9	25	0	30			
19	712.44	934	-15	22	0	30			
20	711.71	912	-22	19	0	30			
21	710.63	880	-32	14	0	30			
22	710.44	874	-6	17	0	20			
23	712.37	932	+58	29	0	0			
24	713.93	981	+49	25	0	0			
25	715.20	1,022	+41	21	0	0			
26	716.36	1,060	+38	19	0	0			
27	717.98	1,114	+54	27	0	0			
28	717.26	1,090	-24	17	0	29			
29	716.40	1,061	-29	14	0	29			
30	715.64	1,036	-25	16	0	29			
31	714.73	1,006	-30	14	0	29			
TOTALS			-35	1,479	0	1,497			
ACRE-FEET			-35	2,934	0	2,969			

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)	
SPILL	0
OUTLET	2,969
TOTAL	2,969

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

Table 8

JANUARY 2004

KESWICK RESERVOIR DAILY OPERATIONS

RUN DATE: February 12, 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)	
		22,007								
1	585.03	22,526	+519	10,338	2,633	6,065	9,991	0	85	0
2	582.19	20,799	-1,727	10,049	1,919	7,702	9,970	865	85	0
3	582.02	20,698	-101	13,058	519	12,051	10,064	2,960	85	0
4	580.97	20,083	-615	12,800	534	11,779	10,064	2,960	85	1
5	580.59	19,864	-219	12,317	1,145	10,932	9,477	2,864	85	1
6	581.58	20,440	+576	13,153	766	12,096	9,874	2,904	85	0
7	581.32	20,288	-152	12,838	543	12,045	11,048	1,782	85	0
8	581.93	20,645	+357	13,083	558	12,114	12,759	58	85	1
9	582.98	21,271	+626	11,883	1,417	9,882	11,482	0	85	0
10	584.88	22,433	+1,162	10,658	1,241	8,901	9,987	0	85	0
11	584.85	22,414	-19	8,691	1,070	7,040	8,615	0	85	1
12	584.58	22,248	-166	8,458	657	7,254	8,456	0	85	1
13	583.20	21,404	-844	7,213	1,300	5,461	7,553	0	85	1
14	584.88	22,433	+1,029	7,194	801	5,982	6,590	0	85	0
15	583.90	21,829	-604	6,254	545	5,349	6,473	0	85	1
16	583.90	21,829	+0	6,038	651	5,033	5,952	0	85	1
17	583.68	21,696	-133	5,773	631	4,819	5,755	0	85	0
18	583.96	21,866	+170	5,718	513	4,866	5,547	0	85	0
19	583.41	21,532	-334	5,263	540	4,439	5,345	0	85	1
20	583.23	21,423	-109	5,174	556	4,320	5,143	0	85	1
21	583.16	21,380	-43	5,019	914	3,869	4,954	0	85	2
22	583.42	21,538	+158	4,909	1,025	3,716	4,742	0	85	2
23	583.82	21,781	+243	4,754	997	3,472	4,545	0	85	1
24	584.53	22,217	+436	4,765	1,036	3,374	4,459	0	85	1
25	584.14	21,976	-241	4,421	1,009	3,140	4,458	0	85	0
26	583.22	21,417	-559	4,248	1,056	2,989	4,444	0	85	1
27	583.37	21,508	+91	4,530	1,038	3,339	4,399	0	85	0
28	584.85	22,414	+906	4,939	462	4,179	4,397	0	85	0
29	584.64	22,285	-129	4,428	268	3,849	4,406	0	85	2
30	583.87	21,811	-474	4,236	597	3,415	4,390	0	85	0
31	584.48	22,186	+375	4,684	506	3,977	4,409	0	85	1
TOTALS			+179	236,886	27,447	197,449	219,748	14,393	2,635	20
ACRE-FEET			+179	469,863	54,441	391,640	435,870	28,549	5,227	40

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

SUMMARY
 RELEASE (ACRE-FEET)

POWER	435,870
SPILL	28,549
FISH TRAP	5,227

JANUARY 2004

RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS

RUN DATE: February 12, 2004

DAY	ELEVATION	STORAGE		RELEASE C.F.S		RELEASE TO SACTO RIVER
		IN LAKE	ACRE-FEET CHANGE	CORNING CANAL	TEHAMA COLUSA CANAL	
		875				
1	244.21	1,175	+300	0	0	32,186
2	243.86	1,103	-72	0	0	25,425
3	243.25	985	-118	0	0	22,329
4	242.60	867	-118	0	0	18,498
5	241.46	679	-188	0	0	17,681
6	241.20	639	-40	0	0	16,138
7	241.22	642	+3	0	0	17,850
8	247.47	1,982	+1,340	0	0	19,436
9	243.11	957	-1,025	0	0	21,874
10	244.84	1,311	+354	0	0	42,915
11	241.96	757	-554	0	0	18,734
12	241.37	665	-92	0	0	16,226
13	240.81	582	-83	0	0	13,672
14	240.41	527	-55	0	0	12,119
15	240.32	514	-13	0	0	11,936
16	240.29	510	-4	0	0	11,864
17	240.27	507	-3	0	0	11,735
18	240.21	499	-8	0	0	11,642
19	240.19	496	-3	0	0	11,537
20	240.19	496	+0	0	0	11,422
21	240.09	482	-14	0	0	11,006
22	239.97	466	-16	0	0	10,174
23	239.90	458	-8	0	0	9,648
24	239.67	430	-28	0	0	9,032
25	239.55	416	-14	0	0	8,745
26	239.47	406	-10	0	0	8,111
27	239.45	404	-2	0	0	7,862
28	239.77	442	+38	0	0	10,974
29	240.00	470	+28	0	15	11,426
30	239.86	453	-17	0	30	10,114
31	239.77	442	-11	0	30	9,763
TOTALS			-433	0	75	472,074
ACRE-FEET			-433	0	149	936,359

SUMMARY

RELEASE (ACRE-FEET)

CORNING CANAL	0
TEHAMA-COLUSA CANAL	149
TO SACTO RIVER	936,359
TOTAL	936,508

DAILY OPERATION OF BLACK BUTTE RESERVOIR, STONY CREEK, CALIFORNIA

JANUARY 2004

Date	Midnight	Storage (ac-ft)	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)				Total (sfd)	River (sfd)	[1] (sfd)	[2] (sfd)					
1	438.44	28930	-3274	3297	4946	4946	0	0	3	0.03	0.19	87436	20500
2	436.64	26013	-2917	3030	4499	4499	0	0	3	0.03	0	86409	21500
3	434.86	23421	-2592	1871	3176	3176	0	0	4	0.04	0	86652	21400
4	434.28	22631	-790	1276	1671	1671	0	0	6	0.07	0	86745	21500
5	434.64	23119	488	1190	941	941	0	0	6	0.07	0	86630	21900
6	435.26	23980	861	1113	678	678	0	0	2	0.02	0.25	86414	22300
7	436.18	25317	1337	1169	495	495	0	0	0	0	0.32	86325	22700
8	437.6	27528	2211	1512	397	397	0	0	0	0	0.46	87233	22400
9	439.5	30796	3268	1947	299	299	0	0	0	0	0.61	88379	22000
10	441.4	34342	3546	2095	301	301	0	0	13	0.1	0	88489	22200
11	442.87	37251	2909	1769	298	298	0	0	8	0.06	0	88596	22500
12	443.06	37638	387	1411	1216	1216	0	0	0	0	0	88589	22800
13	442.33	36166	-1472	1329	2068	2068	0	0	7	0.05	0	88438	23300
14	441.68	34885	-1281	1363	2008	2008	0	0	1	0.01	0.21	88186	23700
15	441.06	33690	-1195	1416	2016	2016	0	0	5	0.04	0	88370	24100
16	440.28	32223	-1467	1291	2030	2030	0	0	1	0.01	0	88038	24500
17	440.11	31908	-315	1228	1386	1386	0	0	2	0.02	0	87671	25000
18	440.41	32464	556	1232	949	949	0	0	5	0.04	0	87125	25600
19	440.61	32838	374	1131	941	941	0	0	3	0.02	0	87264	25800
20	440.51	32651	-187	832	917	917	0	0	18	0.14	0	87357	26100
21	440.48	32595	-56	767	785	785	0	0	20	0.16	0	87436	26400
22	440.67	32951	356	704	520	520	0	0	9	0.07	0	87453	26800
23	441.16	33881	930	689	217	217	0	0	6	0.05	0.05	87442	27100
24	441.79	35100	1219	724	107	107	0	0	4	0.03	0	87487	27400
25	442.38	36266	1166	697	103	103	0	0	12	0.09	0	87446	27800
26	442.92	37353	1087	653	103	103	0	0	4	0.03	0.16	87419	28300
27	443.68	38919	1566	895	105	105	0	0	0	0	0.51	87707	28400
28	444.6	40876	1957	1099	105	105	0	0	15	0.1	0	87216	29600
29	445.49	42834	1958	1097	106	106	0	0	7	0.05	0.02	86572	31000
30	446.35	44782	1948	1096	106	106	0	0	15	0.1	0.02	85901	32800
31	447.14	46619	1837	1044	107	107	0	0	21	0.13	0	85631	34800
Totals	(sfd)			40967	33596	33596	0	0					
Totals	(ac-ft)		14415	81258	66637.7	66637.7			200				
Totals	(inches)									1.56	2.8		

[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

JANUARY 2004

FOLSOM LAKE DAILY OPERATIONS

RUN DATE: February 12, 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	
		532.5									
1	421.70	542.0	+9.5	6,911	2,042	0	0	71	0	.00	1.10
2	422.68	550.2	+8.2	5,957	1,754	0	0	74	0	.00	1.14
3	423.16	554.3	+4.0	4,035	1,914	0	0	81	6	.02	.07
4	423.51	557.2	+3.0	3,740	2,157	0	0	88	3	.01	.01
5	423.75	559.2	+2.0	3,227	2,121	0	0	77	6	.02	.00
6	423.74	559.2	-0.1	2,445	2,405	0	0	77	6	.02	.00
7	423.67	558.6	-0.6	3,271	3,473	0	0	76	20	.07	.25
8	423.62	558.1	-0.4	3,677	3,807	0	0	77	6	.02	.18
9	423.45	556.7	-1.4	3,128	3,761	0	0	82	9	.03	.00
10	423.30	555.4	-1.3	3,044	3,597	0	0	84	3	.01	.03
11	423.11	553.8	-1.6	3,062	3,784	0	0	85	3	.01	.03
12	423.02	553.1	-0.8	3,321	3,624	0	0	78	3	.01	.03
13	422.89	552.0	-1.1	2,763	3,235	0	0	75	3	.01	.03
14	422.97	552.7	+0.7	3,137	2,718	0	0	75	6	.02	.00
15	422.77	551.0	-1.7	2,687	3,458	0	0	74	0	.00	.00
16	422.55	549.1	-1.8	2,328	3,183	0	0	74	0	.00	.00
17	422.59	549.5	+0.3	2,520	2,280	0	0	71	0	.00	.00
18	422.66	550.1	+0.6	2,697	2,334	0	0	65	3	.01	.00
19	422.70	550.4	+0.3	2,753	2,516	0	0	65	3	.01	.00
20	422.80	551.2	+0.8	2,878	2,386	0	0	70	0	.00	.00
21	422.87	551.8	+0.6	2,762	2,389	0	0	78	0	.00	.00
22	422.87	551.8	+0.0	2,362	2,275	0	0	81	6	.02	.00
23	422.92	552.2	+0.4	2,519	2,227	0	0	74	6	.02	.02
24	423.03	553.2	+0.9	2,836	2,297	0	0	73	0	.00	.03
25	423.08	553.6	+0.4	2,587	2,300	0	0	74	0	.00	.23
26	423.05	553.3	-0.3	2,309	2,355	0	0	74	8	.03	.00
27	423.24	554.9	+1.6	3,270	2,378	0	0	79	3	.01	.00
28	423.39	556.2	+1.3	3,115	2,391	0	0	85	0	.00	.55
29	423.30	555.4	-0.8	1,930	2,230	0	0	73	11	.04	.00
30	423.26	555.1	-0.3	2,188	2,292	0	0	63	3	.01	.00
31	423.13	554.0	-1.1	1,919	2,408	0	0	63	3	.01	.05
TOTALS			+21.3	95,378	82,091	0	0	2,336	120	.41	3.75
ACRE-FEET			+21,300	189,182	162,827	0	0	4,633	238		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	162,827	OUTLET	0	THIS MONTH =	3.75
SPILL	0	TOTAL	167,460	JULY 1, 2003 TO DATE =	13.87
PUMPING PLANT	4,633				

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

Table 12

JANUARY 2004

LAKE NATOMA DAILY OPERATIONS

RUN DATE: February 12, 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	124.76	8,181	+460	2,267	28	1,947	0	60	0
2	123.83	8,181	-460	1,785	20	1,937	0	60	0
3	123.18	7,876	-305	1,877	32	1,939	0	60	0
4	123.28	7,923	+47	2,059	43	1,932	0	60	0
5	122.89	7,742	-181	1,956	45	1,942	0	60	0
6	123.68	8,111	+369	2,223	45	1,932	0	60	0
7	123.80	8,167	+56	3,363	45	3,229	0	60	1
8	124.30	8,411	+244	3,660	45	3,432	0	60	0
9	124.59	8,556	+145	3,604	39	3,432	0	60	0
10	124.37	8,446	-110	3,471	35	3,431	0	60	0
11	124.61	8,566	+120	3,602	35	3,447	0	60	0
12	124.32	8,421	-145	3,462	35	3,440	0	60	0
13	124.64	8,581	+160	3,163	35	2,987	0	60	0
14	122.98	7,782	-799	2,631	35	2,939	0	60	0
15	123.88	8,205	+423	3,252	35	2,944	0	60	0
16	123.97	8,247	+42	3,039	35	2,923	0	60	0
17	123.40	7,979	-268	2,183	35	2,223	0	60	0
18	123.27	7,918	-61	2,205	35	2,141	0	60	0
19	123.75	8,144	+226	2,349	35	2,140	0	60	0
20	123.77	8,153	+9	2,249	35	2,149	0	60	0
21	123.90	8,214	+61	2,255	35	2,129	0	60	0
22	123.72	8,129	-85	2,180	35	2,128	0	60	0
23	123.31	7,937	-192	2,136	38	2,135	0	60	0
24	123.11	7,843	-94	2,194	40	2,141	0	60	0
25	122.94	7,764	-79	2,204	40	2,144	0	60	0
26	123.02	7,800	+36	2,257	40	2,139	0	60	0
27	123.46	8,007	+207	2,299	40	2,095	0	60	0
28	123.82	8,176	+169	2,326	40	2,141	0	60	0
29	123.50	8,026	-150	2,167	40	2,142	0	60	1
30	123.37	7,965	-61	2,212	40	2,143	0	60	0
31	123.53	8,040	+75	2,282	40	2,144	0	60	0
TOTALS			-141	78,912	1,155	75,967	0	1,860	2
ACRE-FEET			-141	156,522	2,291	150,681	0	3,689	4

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	150,681	FOLSOM SOUTH CANAL	2,291	TOTAL	156,661
SPILL	0	HATCHERY	3,689		

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

JANUARY 2004

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: March 12, 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		
		1,317.7									
1	983.29	1,322.6	+4.9	2,906	425	0	0	14	.05	1.02	
2	983.72	1,326.3	+3.7	1,885	0	0	0	20	.07	.82	
3	984.04	1,329.1	+2.8	1,406	0	0	0	17	.06	.20	
4	984.27	1,331.1	+2.0	1,016	0	0	0	14	.05	.02	
5	984.55	1,333.5	+2.4	1,230	0	0	0	11	.04	.01	
6	984.79	1,335.6	+2.1	1,076	10	0	0	20	.07	.00	
7	985.07	1,338.0	+2.4	1,224	0	0	0	3	.01	.03	
8	985.31	1,340.1	+2.1	1,070	0	0	0	20	.07	.03	
9	985.55	1,342.2	+2.1	1,049	0	0	0	0	.00	.00	
10	985.62	1,342.8	+0.6	1,028	702	0	0	20	.07	.00	
11	985.87	1,344.9	+2.2	1,115	10	0	0	11	.04	.00	
12	986.10	1,346.9	+2.0	1,033	12	0	0	14	.05	.00	
13	986.38	1,349.4	+2.4	1,249	0	0	0	20	.07	.00	
14	986.64	1,351.6	+2.3	1,150	0	0	0	8	.03	.01	
15	986.89	1,353.8	+2.2	1,104	0	0	0	6	.02	.00	
16	986.93	1,354.2	+0.3	1,041	860	0	0	6	.02	.00	
17	987.15	1,356.1	+1.9	974	0	0	0	6	.02	.00	
18	987.39	1,358.2	+2.1	1,064	0	0	0	6	.02	.00	
19	987.63	1,360.3	+2.1	1,064	0	0	0	6	.02	.00	
20	987.85	1,362.2	+1.9	976	0	0	0	6	.02	.00	
21	987.80	1,361.8	-0.4	1,122	1,337	0	0	6	.02	.00	
22	988.02	1,363.7	+1.9	980	0	0	0	9	.03	.00	
23	988.08	1,364.2	+0.5	987	688	0	0	34	.12	.00	
24	988.30	1,366.1	+1.9	974	0	0	0	0	.00	.12	
25	988.50	1,367.9	+1.8	894	0	0	0	9	.03	.02	
26	988.73	1,369.9	+2.0	1,029	0	0	0	11	.04	.00	
27	989.00	1,372.3	+2.4	1,206	0	0	0	11	.04	.01	
28	989.21	1,374.1	+1.9	936	0	0	0	3	.01	.51	
29	989.42	1,376.0	+1.9	942	0	0	0	9	.03	.00	
30	989.34	1,375.3	-0.7	807	1,148	0	0	14	.05	.00	
31	989.55	1,377.1	+1.9	933	0	0	0	0	.00	.01	
TOTALS			+59.6	35,470	5,192	0	0	334	1.17	2.81	
ACRE-FEET			+59,600	70,355	10,298	0	0	662			

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
POWER	10,298	OUTLET	0
SPILL	0	TOTAL	10,298
		THIS MONTH =	2.81
		JULY 1, 2003 TO DATE =	13.01

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

JANUARY 2004

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: September 14, 2004

DAY	ELEV	STORAGE		TULLOCH	RIVER		RELEASE - C.F.S.		
		ACRE-FEET	CHANGE		RES.	RELEASE	OUTLET	SPILL	JOINT
								CANALS	
								MAIN	
								SOUTH	
								MAIN	
		539							
1	360.03	539	+0	228	0	257	0	0	0
2	360.03	539	+0	237	0	248	0	0	0
3	360.03	539	+0	244	0	251	0	0	0
4	360.03	539	+0	241	0	247	0	0	0
5	360.03	539	+0	238	0	239	0	0	0
6	360.03	539	+0	234	0	2,333	0	0	0
7	360.03	539	+0	230	0	236	0	0	0
8	360.03	539	+0	234	0	232	0	0	0
9	360.03	539	+0	234	0	231	0	0	0
10	360.03	539	+0	232	0	231	0	0	0
11	360.03	539	+0	233	0	230	0	0	0
12	360.03	539	+0	233	0	232	0	0	0
13	360.03	539	+0	232	0	230	0	0	0
14	360.03	539	+0	233	0	233	0	0	0
15	360.03	539	+0	230	0	232	0	0	0
16	360.03	539	+0	232	0	233	0	0	0
17	360.03	539	+0	233	0	235	0	0	0
18	360.03	539	+0	232	0	234	0	0	0
19	360.03	539	+0	232	0	233	0	0	0
20	360.03	539	+0	232	0	233	0	0	0
21	360.00	537	-2	233	0	236	0	0	0
22	360.03	539	+2	230	0	232	0	0	0
23	360.00	537	-2	229	0	231	0	0	0
24	360.00	537	+0	229	0	232	0	0	0
25	360.00	537	+0	234	0	237	0	0	0
26	359.97	535	-2	230	0	234	0	0	0
27	360.00	537	+2	229	0	234	0	0	0
28	360.00	537	+0	232	0	236	0	0	0
29	360.00	537	+0	235	0	238	0	0	0
30	360.00	537	+0	233	0	237	0	0	0
31	360.00	537	+0	233	0	238	0	0	0
TOTALS			-2	7,221	0	9,415		0	0
ACRE-FEET			-2	14,323	0	18,675		0	0

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

SUMMARY
 RELEASE (ACRE-FEET)

JOINT MAIN CANAL	0	OUTLET	0
SOUTH MAIN CANAL	0	SPILL	18,675
		TOTAL	18,675

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

JANUARY 2004

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: March 12, 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			
		253.2									
1	512.52	254.4	+1.2	941	0	220	0	111	5	.05	
2	513.27	256.8	+2.4	1,484	0	129	0	111	14	.13	
3	513.86	258.8	+1.9	1,086	0	0	0	111	3	.03	
4	514.37	260.4	+1.7	961	0	0	0	111	5	.05	
5	514.80	261.8	+1.4	828	0	0	0	111	3	.03	
6	515.53	264.3	+2.4	1,334	0	0	0	111	3	.03	
7	516.29	266.8	+2.5	1,394	0	0	0	112	6	.06	
8	517.60	271.2	+4.4	2,333	0	0	0	112	3	.03	
9	519.05	276.1	+4.9	2,598	0	0	0	113	6	.05	
10	519.95	279.2	+3.1	1,682	0	0	0	113	16	.14	
11	521.10	283.2	+4.0	2,128	0	0	0	113	19	.17	
12	521.67	285.1	+2.0	1,113	0	0	0	113	4	.04	
13	522.10	286.6	+1.5	868	0	0	0	113	2	.02	
14	522.78	289.0	+2.4	1,311	0	0	0	113	1	.01	
15	523.54	291.7	+2.7	1,460	0	0	0	112	3	.03	
16	524.16	293.8	+2.2	1,328	0	112	0	113	1	.01	
17	524.67	295.7	+1.8	1,272	0	246	0	113	2	.02	
18	525.26	297.8	+2.1	1,275	0	103	0	113	1	.01	
19	525.98	300.3	+2.6	1,412	0	0	0	113	3	.03	
20	526.59	302.5	+2.2	1,388	0	167	0	113	2	.02	
21	527.05	304.2	+1.7	1,201	0	251	0	113	2	.02	
22	527.01	304.0	-0.1	299	0	251	0	113	8	.07	
23	526.89	303.6	-0.4	149	0	251	0	113	3	.03	
24	526.81	303.3	-0.3	227	0	251	0	113	8	.07	
25	526.86	303.5	+0.2	455	0	251	0	113	1	.01	
26	527.36	305.3	+1.8	1,279	0	252	0	113	2	.02	
27	528.11	308.0	+2.7	1,741	0	253	0	113	4	.03	
28	528.74	310.3	+2.3	1,366	0	85	0	113	9	.08	
29	529.71	313.9	+3.6	1,912	0	0	0	114	4	.03	
30	530.55	317.0	+3.1	1,818	0	140	0	114	5	.04	
31	531.14	319.1	+2.2	1,479	0	259	0	115	8	.07	
TOTALS			+66.0	40,122	0	3,221	0	3,492	156	1.43	1.49
ACRE-FEET			+65,958	79,582	0	6,389	0	6,926	309		

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 =	1.49
MADERA	TOTAL RELEASES	JULY 1, 2003 TO DATE =	5.58

Table 16

U.S. Bureau of Reclamation - Central Valley Operations Office
Delta Outflow Computation (values in c.f.s.)

January 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-Jan-04	47,027	235	0	686	1,752	1,697	1,784	49,700	-3,321	4,337	4,300	64	0	47	8,748	8,820	44,273	38,331	44,273	17.4%	17.1%	22.7%
2-Jan-04	52,955	239	2,387	1,304	1,784	1,749	1,896	58,669	-8,848	6,186	4,250	62	0	58	10,557	9,088	56,960	42,709	50,616	17.8%	17.1%	22.3%
3-Jan-04	59,304	243	4,138	1,516	2,008	1,840	2,038	67,209	-10,039	6,837	4,267	63	0	51	11,218	10,059	66,030	47,408	55,754	16.5%	17.2%	23.2%
4-Jan-04	61,007	247	5,413	998	2,322	1,927	2,092	69,987	-5,068	7,193	4,242	65	0	51	11,551	10,992	63,504	51,377	57,692	16.3%	16.8%	23.8%
5-Jan-04	61,180	251	3,986	741	2,252	1,995	2,096	68,410	-5,118	6,800	4,325	65	0	53	11,242	11,221	62,286	55,188	58,611	16.3%	16.4%	22.9%
6-Jan-04	58,969	255	2,928	642	2,115	2,037	2,085	64,909	-5,168	7,187	4,365	71	0	52	11,674	11,370	58,403	56,759	58,576	17.8%	16.8%	22.1%
7-Jan-04	53,773	259	2,765	607	2,028	2,064	2,064	59,432	-426	7,238	4,370	63	0	44	11,715	11,428	48,143	57,086	57,086	19.5%	17.8%	21.4%
8-Jan-04	48,126	263	2,677	620	1,942	2,074	2,038	53,628	31	7,283	4,386	73	0	55	11,796	11,609	41,801	56,733	55,175	21.8%	19.6%	21.2%
9-Jan-04	43,907	263	2,809	601	1,854	2,045	2,012	49,434	-19	7,298	4,369	86	0	45	11,799	11,648	37,654	53,975	53,228	23.6%	21.5%	20.9%
10-Jan-04	42,096	263	3,145	593	1,801	1,967	1,988	47,898	-69	6,463	4,372	82	0	36	10,952	11,390	37,015	49,830	51,607	22.6%	22.6%	20.3%
11-Jan-04	42,268	263	3,316	585	1,776	1,892	1,965	48,208	-69	6,585	4,370	85	0	30	11,071	11,153	37,206	46,073	50,298	22.7%	23.0%	19.8%
12-Jan-04	43,301	263	2,958	574	1,730	1,831	1,941	48,826	565	6,524	4,386	57	0	29	10,996	10,900	37,265	42,498	49,212	22.3%	22.6%	19.3%
13-Jan-04	45,166	263	2,738	591	1,683	1,777	1,919	50,441	1,250	6,176	4,367	200	0	28	10,771	10,803	38,420	39,643	48,382	20.9%	22.0%	19.2%
14-Jan-04	44,480	263	2,013	562	1,652	1,730	1,897	48,970	1,200	6,288	4,367	282	0	45	10,983	10,703	36,787	38,021	47,553	21.8%	21.7%	19.1%
15-Jan-04	40,666	263	0	559	1,616	1,692	1,877	43,104	1,200	6,845	4,394	285	0	38	11,563	10,813	30,341	36,384	46,406	26.1%	22.8%	19.4%
16-Jan-04	37,189	263	0	558	1,588	1,658	1,857	39,598	1,150	6,703	4,344	284	0	26	11,358	10,981	27,090	34,875	45,199	27.9%	25.0%	20.2%
17-Jan-04	34,174	263	0	553	1,558	1,624	1,838	36,548	922	7,038	4,356	283	0	27	11,704	11,227	23,923	33,005	43,947	31.2%	28.2%	21.5%
18-Jan-04	32,554	263	0	543	1,542	1,596	1,821	34,902	872	7,172	4,379	283	0	24	11,857	11,331	22,173	30,857	42,737	33.1%	30.6%	22.8%
19-Jan-04	30,548	263	0	543	1,532	1,573	1,806	32,886	872	7,162	4,367	290	0	30	11,849	11,491	20,165	28,414	41,549	35.1%	33.0%	24.4%
20-Jan-04	28,674	263	0	547	1,524	1,554	1,791	31,008	872	7,164	4,367	283	0	30	11,844	11,537	18,293	25,539	40,387	37.2%	35.0%	25.8%
21-Jan-04	26,959	263	0	547	1,515	1,537	1,777	29,284	822	7,175	4,372	290	0	28	11,865	11,536	16,597	22,655	39,254	39.4%	37.1%	27.2%
22-Jan-04	25,600	263	0	541	1,500	1,523	1,764	27,904	1,050	7,176	4,358	264	0	25	11,823	11,537	15,031	20,467	38,153	41.3%	39.2%	28.4%
23-Jan-04	24,307	263	0	532	1,488	1,512	1,752	26,590	1,000	7,168	4,353	287	0	21	11,830	11,534	13,760	18,563	37,092	43.3%	41.3%	29.6%
24-Jan-04	23,094	263	0	523	1,480	1,503	1,741	25,360	772	7,166	4,354	279	0	20	11,820	11,525	12,769	16,970	36,079	45.4%	43.3%	30.8%
25-Jan-04	22,447	263	0	525	1,485	1,497	1,730	24,720	-141	6,997	4,383	285	0	19	11,684	11,474	13,177	15,685	35,163	46.0%	44.9%	32.1%
26-Jan-04	21,790	263	0	526	1,485	1,491	1,721	24,064	-141	6,609	4,346	281	0	26	11,262	11,285	12,943	14,653	34,308	45.5%	45.7%	33.2%
27-Jan-04	21,152	263	0	522	1,481	1,487	1,712	23,418	-191	6,715	4,340	284	0	29	11,369	11,130	12,240	13,788	33,491	47.2%	46.2%	34.8%
28-Jan-04	20,490	263	0	584	1,489	1,488	1,705	22,826	-876	6,811	4,327	286	0	26	11,449	11,049	12,252	13,168	32,732	48.8%	47.1%	36.6%
29-Jan-04	21,239	263	0	726	1,506	1,490	1,698	23,734	-648	6,657	4,350	279	0	29	11,316	11,067	13,065	12,887	32,054	46.4%	47.4%	38.5%
30-Jan-04	23,378	263	0	628	1,505	1,492	1,691	25,774	265	7,104	4,358	283	0	30	11,774	11,202	13,735	12,883	31,443	44.5%	46.5%	40.3%
31-Jan-04	24,900	263	0	583	1,490	1,491	1,684	27,236	215	7,014	4,366	281	0	27	11,688	11,283	15,333	13,249	30,924	41.8%	44.1%	41.6%
Total	1,162,720	8,041	41,273	20,160	52,483	52,833	57,781	1,284,677	-27,085	211,072	134,852	6,123	0	1,080	353,126	343,187	958,636	1,039,671	1,378,981	957.5%	929.7%	805.6%
Average	37,507	259	1,331	650	1,693	1,704	1,864	41,441	-874	6,809	4,350	198	0	35	11,391	11,071	30,924	33,538	1,378,981	30.9%	30.0%	26.0%

JANUARY 2004

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

RUN DATE: February 12, 2004

DAY	ELEV	STORAGE ACRE-FEET		SAN LUIS PUMPING C.F.S.	RELEASE - C.F.S.			GAIN(+) OR LOSS(-) C.F.S.	EVAPORATION		PRECIP INCHES
		IN LAKE	CHANGE		POWER	PACHECO TUNNEL	SPILL		C.F.S.	INCHES	
		1,316,540									
1	484.09	1,328,944	+12,404	6,455	0	137	0	-65	0	.00	.20
2	484.91	1,337,970	+9,026	4,865	0	153	0	-161	0	.00	.26
3	485.99	1,349,888	+11,918	6,412	0	181	0	-222	0	.00	.09
4	487.50	1,366,611	+16,723	8,921	0	181	0	-309	36	.10	.00
5	488.23	1,374,720	+8,109	4,559	0	184	0	-286	14	.00	.00
6	489.44	1,388,197	+13,477	7,370	0	182	0	-393	14	.04	.00
7	490.74	1,402,726	+14,529	7,969	0	185	0	-459	7	.02	.02
8	492.08	1,417,755	+15,029	8,232	0	186	0	-469	7	.02	.02
9	493.03	1,428,442	+10,687	5,840	0	198	0	-255	22	.06	.00
10	494.33	1,443,111	+14,669	7,883	0	205	0	-282	18	.05	.00
11	495.63	1,457,831	+14,720	7,878	0	206	0	-251	15	.04	.00
12	496.53	1,468,051	+10,220	5,629	0	196	0	-281	11	.03	.01
13	497.72	1,481,601	+13,550	7,044	0	193	0	-20	7	.02	.01
14	498.47	1,490,163	+8,562	4,765	0	171	0	-277	4	.01	.00
15	499.30	1,499,658	+9,495	5,284	0	158	0	-338	4	.01	.00
16	500.38	1,512,043	+12,385	6,596	0	150	0	-203	4	.01	.00
17	501.47	1,524,577	+12,534	6,535	0	149	0	-67	7	.02	.00
18	502.58	1,537,378	+12,801	6,977	0	150	0	-373	7	.02	.00
19	503.14	1,543,850	+6,472	3,603	0	149	0	-191	7	.02	.00
20	503.98	1,553,575	+9,725	5,466	0	151	0	-412	8	.02	.01
21	504.87	1,563,902	+10,327	5,546	0	151	0	-189	0	.00	.00
22	506.01	1,577,164	+13,262	7,277	0	156	0	-435	19	.05	.00
23	506.68	1,584,976	+7,812	4,365	0	160	0	-266	15	.04	.00
24	507.37	1,593,035	+8,059	4,242	0	158	0	-21	11	.03	.20
25	508.35	1,604,505	+11,470	6,498	0	168	0	-548	15	.00	.00
26	509.08	1,613,068	+8,563	4,866	0	205	0	-344	30	.08	.00
27	510.02	1,624,116	+11,048	6,120	0	223	0	-327	23	.06	.00
28	510.96	1,635,191	+11,075	6,183	0	231	0	-368	0	.00	.00
29	511.96	1,647,000	+11,809	6,499	0	234	0	-311	19	.05	.00
30	512.67	1,655,403	+8,403	5,076	0	231	0	-608	19	.05	.00
31	513.43	1,664,413	+9,010	4,941	0	200	0	-199	38	.10	.00
TOTALS			+347,873	189,896	0	5,582	0	-8,930	381	.95	.82
ACRE-FEET			+347,873	376,659	0	11,072	0	-17,713	756		

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
POWER	0	SPILL	0
PACHECO TUNNEL	11,072	TOTAL	11,072
		THIS MONTH =	.82
		JULY 1, 2003 TO DATE =	5.25

JANUARY 2004

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

RUN DATE: February 12, 2004

DAY	ELEV	STORAGE		INFLOW - C.F.S.			RELEASE - C.F.S.			* DELIV.	GAINS(+) OR LOSS(-) C.F.S.
		IN LAKE	ACRE-FEET CHANGE	O'NEILL PUMPING	S. LUIS GEN.	CALIF. AQUEDUCT	O'NEILL GEN.	S. LUIS PUMPING	DOS AMIGOS PUMPING		
		43,671									
1	219.70	42,376	-1,295	3,860	0	5,054	0	6,455	3,542		+431
2	221.40	46,810	+4,434	3,924	0	5,701	0	4,865	2,788		+263
3	222.30	49,182	+2,372	3,828	0	6,716	0	6,412	3,259		+323
4	220.40	44,192	-4,990	3,851	0	6,392	0	8,921	4,173		+335
5	221.67	47,519	+3,327	3,820	0	6,148	0	4,559	3,918		+187
6	221.95	48,255	+736	3,899	0	6,522	0	7,370	3,202		+522
7	221.81	47,887	-368	3,925	0	6,618	0	7,969	3,206		+446
8	221.22	46,338	-1,549	3,960	0	6,867	0	8,232	3,776		+401
9	222.04	48,491	+2,153	3,966	0	6,662	0	5,840	4,043		+340
10	220.69	44,949	-3,542	3,977	0	6,009	0	7,883	4,163		+274
11	219.50	41,862	-3,087	3,979	0	6,665	0	7,878	4,587		+265
12	220.60	44,714	+2,852	3,910	0	6,251	0	5,629	3,110		+16
13	220.80	45,237	+523	3,879	0	6,494	0	7,044	3,624		+560
14	222.09	48,624	+3,387	3,818	0	6,264	0	4,765	3,996		+387
15	222.61	50,006	+1,382	3,277	0	6,342	0	5,284	4,158		+519
16	221.78	47,809	-2,197	2,966	0	6,305	0	6,596	4,201		+418
17	220.53	44,531	-3,278	2,976	0	6,505	0	6,535	5,019		+421
18	218.81	40,103	-4,428	3,054	0	6,705	0	6,977	5,444		+429
19	220.41	44,218	+4,115	3,320	0	6,344	0	3,603	4,407		+421
20	220.74	45,080	+862	3,498	0	6,385	0	5,466	4,538		+555
21	220.93	45,577	+497	3,357	0	6,297	0	5,546	4,386		+528
22	219.93	42,971	-2,606	3,353	0	6,420	0	7,277	4,297		+487
23	221.07	45,944	+2,973	3,235	0	6,580	0	4,365	4,572		+620
24	221.47	46,994	+1,050	3,274	0	6,205	0	4,242	5,094		+387
25	220.83	45,315	-1,679	3,283	0	6,688	0	6,498	4,907		+588
26	221.70	47,598	+2,283	3,308	0	6,548	0	4,866	4,181		+343
27	221.57	47,257	-341	3,313	0	6,490	0	6,120	4,377		+522
28	221.20	46,285	-972	3,293	0	6,781	0	6,183	4,722		+341
29	220.20	43,671	-2,614	3,370	0	6,641	0	6,499	5,179		+348
30	220.30	43,931	+260	3,389	0	6,541	0	5,076	5,159		+435
31	220.10	43,411	-520	3,234	0	6,573	0	4,941	5,473		+416
TOTALS			-260	110,096	0	198,713	0	189,896	131,501		+12,528
ACRE-FEET			-260	218,375	0	394,147	0	376,659	260,832	141	24,849

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

SUMMARY
RELEASE (ACRE-FEET)

O'NEILL GEN.	0	DOS AMIGOS PUMP	260,832		
SAN LUIS PUMP	376,659	DELIVERIES	141	TOTAL	637,632

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

Table 19

JANUARY 2004

FEDERAL-STATE OPERATIONS
 SAN LUIS UNIT

RUN DATE: February 12, 2004

DAY	AQUEDUCT CHECK 12			O'NEILL			SAN LUIS			SAN LUIS			PACHECO PUMP	DOS AMIGOS			
	STATE	FED	TOTAL	FED	STATE	GENER TOTAL	FED	STATE	GENER TOTAL	FED	STATE	GENER TOTAL		FED	STATE	TOTAL	
1	10,024	0	10,024	7,657	0	7,657	0	10,869	1,935	12,804	0	0	0	272	1,047	5,979	7,026
2	11,308	0	11,308	7,784	0	7,784	0	4,377	5,272	9,649	0	0	0	303	972	4,558	5,530
3	13,321	0	13,321	7,592	0	7,592	0	5,122	7,596	12,718	0	0	0	359	991	5,473	6,464
4	12,679	0	12,679	7,639	0	7,639	0	10,850	6,845	17,695	0	0	0	359	1,057	7,220	8,277
5	12,194	0	12,194	7,576	0	7,576	0	4,361	4,681	9,042	0	0	0	365	972	6,799	7,771
6	12,937	0	12,937	7,734	0	7,734	0	5,473	9,145	14,618	0	0	0	361	970	5,382	6,352
7	13,127	0	13,127	7,785	0	7,785	0	7,485	8,321	15,806	0	0	0	366	976	5,383	6,359
8	13,620	0	13,620	7,854	0	7,854	0	7,467	8,861	16,328	0	0	0	369	999	6,491	7,490
9	13,215	0	13,215	7,866	0	7,866	0	7,419	4,165	11,584	0	0	0	392	0	8,019	8,019
10	11,918	0	11,918	7,889	0	7,889	0	7,027	8,608	15,635	0	0	0	407	0	8,257	8,257
11	13,220	0	13,220	7,892	0	7,892	0	13,613	2,013	15,626	0	0	0	409	0	9,098	9,098
12	12,399	0	12,399	7,755	0	7,755	0	7,222	3,944	11,166	0	0	0	388	0	6,168	6,168
13	12,880	0	12,880	7,694	0	7,694	0	7,272	6,700	13,972	0	0	0	383	0	7,189	7,189
14	12,425	0	12,425	7,573	0	7,573	0	5,116	4,336	9,452	0	0	0	340	1,434	6,492	7,926
15	12,580	0	12,580	6,500	0	6,500	0	5,114	5,366	10,480	0	0	0	314	1,509	6,738	8,247
16	12,506	0	12,506	5,883	0	5,883	0	5,047	8,037	13,084	0	0	0	297	1,465	6,867	8,332
17	12,902	0	12,902	5,902	0	5,902	0	4,625	8,338	12,963	0	0	0	296	2,011	7,944	9,955
18	13,300	0	13,300	6,058	0	6,058	0	9,732	4,106	13,838	0	0	0	297	1,935	8,863	10,798
19	12,583	0	12,583	6,585	0	6,585	0	3,660	3,487	7,147	0	0	0	296	2,008	6,734	8,742
20	12,665	0	12,665	6,939	0	6,939	0	3,715	7,126	10,841	0	0	0	299	2,015	6,986	9,001
21	12,491	0	12,491	6,659	0	6,659	0	3,696	7,305	11,001	0	0	0	300	2,031	6,668	8,699
22	12,735	0	12,735	6,651	0	6,651	0	3,663	10,770	14,433	0	0	0	309	3,506	5,018	8,524
23	13,052	0	13,052	6,417	0	6,417	0	3,672	4,985	8,657	0	0	0	318	3,425	5,644	9,069
24	12,307	0	12,307	6,494	0	6,494	0	3,345	5,069	8,414	0	0	0	314	3,551	6,553	10,104
25	13,266	0	13,266	6,512	0	6,512	0	6,411	6,478	12,889	0	0	0	333	3,624	6,110	9,734
26	12,987	0	12,987	6,561	0	6,561	0	2,328	7,323	9,651	0	0	0	406	3,588	4,706	8,294
27	12,873	0	12,873	6,571	0	6,571	0	2,380	9,759	12,139	0	0	0	442	3,604	5,078	8,682
28	13,450	0	13,450	6,531	0	6,531	0	2,621	9,642	12,263	0	0	0	458	3,588	5,778	9,366
29	13,173	0	13,173	6,685	0	6,685	0	3,510	9,380	12,890	0	0	0	464	3,517	6,756	10,273
30	12,975	0	12,975	6,722	0	6,722	0	3,500	6,568	10,068	0	0	0	459	3,468	6,764	10,232
31	13,038	0	13,038	6,414	0	6,414	0	3,229	6,571	9,800	0	0	0	396	3,557	7,299	10,856
TOTAL	394,150	0	394,150	218,374	0	218,374	0	376,653	376,653	753,306	0	0	0	11,071	260,834	260,834	260,834
FEDERAL	0	0	0	218,374	0	218,374	0	173,921	173,921	347,842	0	0	0	0	57,820	57,820	57,820
STATE	394,150	0	394,150	0	0	0	0	202,732	202,732	405,464	0	0	0	0	203,014	203,014	203,014
															XVC	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

JANUARY 2004

FEDERAL-STATE OPERATIONS

RUN DATE: February 12, 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	8,530	0	8,530	8,602	11,255	0	11,255	0	0	0	6,564	0	6,564	873	
2	8,430	0	8,430	12,270	12,637	0	12,637	0	0	0	5,843	0	5,843	646	
3	8,463	0	8,463	13,561	13,841	0	13,841	0	0	0	6,794	0	6,794	871	
4	8,414	0	8,414	14,268	13,772	0	13,772	0	0	0	7,518	0	7,518	775	
5	8,578	0	8,578	13,488	13,488	0	13,488	0	0	0	6,122	0	6,122	1,002	
6	8,657	0	8,657	14,255	13,652	0	13,652	0	0	0	5,027	0	5,027	923	
7	8,667	0	8,667	14,356	13,860	0	13,860	0	0	0	5,450	0	5,450	882	
8	8,700	0	8,700	14,445	14,035	0	14,035	0	0	0	6,314	0	6,314	846	
9	8,666	0	8,666	14,476	13,893	0	13,893	0	0	0	6,335	0	6,335	800	
10	8,672	0	8,672	12,819	13,035	0	13,035	0	0	0	6,370	0	6,370	783	
11	8,668	0	8,668	13,602	13,818	0	13,818	0	0	0	7,958	0	7,958	776	
12	8,700	0	8,700	12,940	13,479	0	13,479	0	0	0	4,153	0	4,153	945	
13	8,662	0	8,662	12,251	13,760	0	13,760	0	0	0	5,080	0	5,080	968	
14	8,662	0	8,662	12,472	13,742	0	13,742	0	0	0	5,378	0	5,378	1,089	
15	8,716	0	8,716	13,578	13,729	0	13,729	0	0	0	5,439	0	5,439	2,216	
16	8,617	0	8,617	13,296	13,747	0	13,747	0	0	0	5,667	0	5,667	2,734	
17	8,640	0	8,640	13,959	13,959	0	13,959	0	0	0	7,056	0	7,056	2,738	
18	8,686	0	8,686	14,225	14,053	0	14,053	0	0	0	8,475	0	8,475	2,628	
19	8,662	0	8,662	14,206	13,625	0	13,625	0	0	0	5,557	0	5,557	2,077	
20	8,662	0	8,662	14,210	14,124	0	14,124	0	0	0	6,629	0	6,629	1,723	
21	8,671	0	8,671	14,232	13,845	0	13,845	0	0	0	5,316	0	5,316	2,012	
22	8,645	0	8,645	14,233	13,910	0	13,910	0	0	0	5,195	0	5,195	1,994	
23	8,635	0	8,635	14,218	13,852	0	13,852	0	0	0	6,408	0	6,408	2,218	
24	8,637	0	8,637	14,214	13,826	0	13,826	0	0	0	6,846	0	6,846	2,143	
25	8,694	0	8,694	13,879	14,030	0	14,030	0	0	0	7,897	0	7,897	2,182	
26	8,620	0	8,620	13,108	14,034	0	14,034	0	0	0	4,759	0	4,759	2,059	
27	8,609	0	8,609	13,320	13,815	0	13,815	0	0	0	6,189	0	6,189	2,038	
28	8,582	0	8,582	13,510	13,983	0	13,983	0	0	0	7,231	0	7,231	2,051	
29	8,629	0	8,629	13,205	13,979	0	13,979	0	0	0	7,448	0	7,448	1,944	
30	8,644	0	8,644	14,090	13,983	0	13,983	0	0	0	7,547	0	7,547	1,922	
31	8,660	0	8,660	13,913	14,020	0	14,020	0	0	0	7,988	0	7,988	2,246	
TOTALS	267,478	0	267,478	419,201	424,781	0	424,781	0	0	0	196,553	0	196,553	49,104	

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
Arvin-Edison WSD	2005												2005
Atwell Island WD	0												0
Delano-Earlimart ID	207												207
Exeter ID	3												3
City of Fresno	0												0
County of Fresno SA #34	3												3
Fresno ID	0												0
Garfield WD	0												0
Hills Valley ID	0												0
International WD	0												0
Ivanhoe ID	0												0
Kaweah Delta WCD	0												0
Kern County Water Agency	0												0
Kern-Tulare WD	273												273
Kings County WD	0												0
Kings River CD	0												0
Lewis Creek WD	0												0
Lindmore ID	0												0
City of Lindsay	151												151
Lindsay-Strathmore ID	0												0
Wutchumna (Lindsey-Strathmore non-proje	159												159
Lower Tule River ID	0												0
North-Kern WSD	0												0
City of Orange Cove	80												80
Orange Cove ID	0												0
Pixley ID	0												0
Porterville ID	0												0
Rag Gulch WD	0												0
Rosedale Rio Bravo WSD	0												0
Saucelito ID	0												0
Semitropic WSD	0												0
Shafter Wasco ID	869												869
Southern San Joaquin MUD	726												726
Smallwood Vineyards	0												0
Stone Corral ID	18												18
Strathmore PUD	35												35
Styro Tek, Inc.	0												0
Tea Pot Dome WD	0												0
Terra Bella ID	64												64
Tri-Valley WD	0												0
Tulare ID	0												0
Total	4593	0	0	0	0	0	0	0	0	0	0	0	4593

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

* 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
Broadview WD	1069												1069
CCID (Abv CK 13)	393												393
CCID (Blw CK 13)	1868												1868
Centinella WD	0												0
China Island (76.05)	0												0
Del Puerto WD	43												43
DWR Intertie @MP7.70-R	0												0
Eagle Field WD	162												162
Firebaugh Canal	101												101
Frietas Unit (76.05L)	0												0
Mercy Springs WD	37												37
Oro Loma WD	47												47
Panoche WD - Ag	284												284
Panoche WD - M&I	2												2
Patterson WD	0												0
Plainview WD	0												0
Salt Slough Unit (76.05L)	1009												1009
San Luis WD - Ag	254												254
San Luis WD - M&I	1												1
Tracy, City of	0												0
West Side ID	0												0
Widren	0												0
W. Stanislaus ID	64												64
F&G - Los Banos Ref. 76.05L	1027												1027
Volta Wildlife Mgmt Area (F&G)	38												38
Grasslands WD -76.05L	6638												6638
Grasslands WD - Volta	215												215
F&S (Volta) Santa Fee Kest.	0												0
F&S - Kesterson 76.05L	0												0
Total DMC Deliveries	13252	0	0	0	0	0	0	0	0	0	0	0	13252
Oneill Net Pumped	218374												218374
DMC plus Oneill	231626	0	0	0	0	0	0	0	0	0	0	0	231626

* 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												0
Broadview WD	2												0
City of Coalinga	325												0
City of Dos Palos	69												0
City of Huron	48												0
Pacheco WD	1												0
Pacheco CCID Non-project (Hamburg)	329												329
Panoche WD	4250												4250
San Luis WD	2383												2383
Westlands WD (Federal)	60726												60726
Fish & Game (Lateral 4 - Federal)	1												1
Fish & Game (Lateral 6 - Federal)	0												0
Total	68316	0	0	0	0	0	0	0	0	0	0	0	68316
O'NEILL FOREBAY DELIVERIES													
Oneill Forebay Wildlife (Federal)	60												60
San Luis WD Ag	54												54
San Luis M&I	27												27
VA Cemetary	1												1
Total	142	0	0	0	0	0	0	0	0	0	0	0	142
CROSS VALLEY CANAL													
County of Fresno	0												0
County of Tulare	0												0
Lower Tule River ID	0												0
Pixley ID	0												0
Kern-Tulare WD	0												0
Rag Gulch WD	0												0
Hills-Valey ID	0												0
Tri-Valley ID	0												0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN FELIPE DIVISION													
Santa Clara	9868												9868
San Benito	1203												1203
Total	11071	0	0	0	0	0	0	0	0	0	0	0	11071

* 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												108
Cortina WD	0												0
Davis WD	0												0
Dunnigan WD	5												5
4-M Water District	1												1
GCID	0												0
Glenn Valley WD	0												0
Glide WD	0												0
Holthouse WD	0												0
Kanawha WD	3												3
Kirkwood WD	0												0
La Grande WD	0												0
Myers-Marsh MWC	0												0
Orland-Artois WD	5												5
Westside WD	6												6
Total	128	0	0	0	0	0	0	0	0	0	0	0	128

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
Anderson Cottonwood ID	0												0
Andreotti, Arthur, et al	0												0
Baber, Jack, et	0												0
A&R Farms (Odysseus)	0												0
Cannel, Fred	0												0
Carter, Jane	0												0
Colusa Prop. Inc	0												0
Conaway Conservancy Group	0												0
Davis, Olive P, et al	0												0
Deseret Farms of Calif	0												0
Dommer, Elizabeth	0												0
Forry, David G, et al	0												0
Forster, Rosemary	0												0
Furlan Joint Venture (Area #1)	0												0
Furlan Joint Venture (Area #2)	0												0
Glenn-Colusa ID	0												0
Griffin, J, et al	0												0
Henle Family Limited Partnership	0												0
Hershey Land Co	0												0
Hiatt, Glenn	0												0
Hollins, Mariette B	0												0
Howald Farms	0												0
King, Barbara	0												0
Knaggs Walnut Ranches Co, L.P.	0												0
Lockett, William P.	0												0
Loma Cold Storage/J Micheli	0												0
M&T Inc.	0												0
MCM Properties, Inc	0												0
Maxwell ID	0												0
Meridan Farms WC	0												0
Natomas Central MWC	0												0
O'Brien, Janice	0												0
Oji Bros. Farms Inc	0												0
Oji, Mitsue Family PTN	0												0
Pelger Mutual WC	0												0
Pleasant Grove-Verona MWC	0												0
Princeton,-Codora-Glenn ID	0												0
Provident Irrigation District	0												0
Reclamation Dist #108	0												0
Reclamation Dist #1004	0												0
Reynen, John, et al	0												0
River Garden Farms	0												0
Roberts Ditch Irrigation Co	0												0
Sartain Mutual WC	0												0
Siddiqui, J & A & Siddiqui Family Plan	0												0
Spence, Ruth Ann	0												0
Sutter Mutual WC	0												0
Swinford Tract Irrigation Co	0												0
Tarke, James, et al	0												0
Tisdale Irrigation & Drain	0												0
Wallace Construction, Inc.	0												0
Wells, Joyce M	0												0
Wilson Ranch Partnership	0												0
Windswept Land & Livestock Co.	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											
At Keswick	7638											
At Bend Bridge	13819											
At Vina Bridge	18233											
At Ord Ferry	19581											
At Colusa	19229											
Below Wilkins Slough	18048											
At Verona	33182											
Sacramento at "I" Street	35497											
Miscellaneous Stations												
Folsom computed inflow	3077											
American R at Nimbus Dam	2511											
Kings River at Pine Flat	155											
San Joaquin River												
At Friant Dam	113											
Near Vernalis	1759											
Putah Creek												
Berryessa computed inflow	1096											
Putah Creek - Lake Solano	40											
Stanislaus River												
New Melones computed inflow	1144											
At Tulloch Dam	233											
At Orange Blossom	360											

* 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
	Jan-04	Jul 04 - Jan 04	Season	Season	of Jul-Jun	WY 03
				Total	Season	Total
				Jul 03 - Jun 04	TOTAL	Oct 03 - Jan 04
Alturas	NR	7.27	6.37	12.48	58	5.77
Auberry	2.21	9.27	13.29	25.15	37	8.87
Auburn	3.53	14.88	17.54	33.66	44	14.41
Bakersfield	0.56	2.49	3.00	6.12	41	2.38
Blue Canyon	6.81	31.90	35.52	64.24	50	29.48
Cachuma	0.32	3.57	9.94	20.74	17	3.55
Calaveras Big Trees	3.41	24.21	29.67	54.99	44	22.89
Callahan	1.78	13.23	13.38	21.51	62	8.36
Colfax	NR	20.61	26.38	47.47	43	19.27
Crane Valley	4.54	15.20	20.95	40.31	38	13.56
East Park	2.46	19.44	10.51	17.92	108	19.08
Folsom	3.75	13.87	13.45	24.64	56	13.55
Ft. Jones	1.79	10.08	14.08	21.69	46	7.87
Fresno	0.87	4.26	5.28	10.24	42	4.22
Friant Dam	1.49	5.58	7.39	14.40	39	5.57
Hetch Hetchy	2.54	16.84	19.09	35.93	47	15.33
Huntington	4.80	18.41	22.63	43.14	43	16.66
Georgetown	5.40	22.96	30.76	54.14	42	22.28
Lake Spaulding	7.76	41.06	38.41	69.73	59	38.71
Markley Cove (Berryessa)	3.85	15.86	15.77	25.53	62	15.63
McCloud	6.03	28.90	27.98	49.51	58	27.35
Mt. Shasta	5.44	24.85	21.82	38.51	65	23.38
New Melones	2.81	13.13	14.35	26.70	49	12.50
Pacific House	4.68	21.80	28.30	5.12	426	20.80
Placerville	NR	13.14	21.22	38.85	34	12.14
Sacramento	2.07	8.67	10.41	18.42	47	8.33
Salt Springs	4.00	24.42	24.60	45.51	54	22.46
San Luis	0.82	5.25	6.11	9.81	54	4.90
Shasta Dam	7.66	39.83	34.67	61.59	65	38.11
Soda Springs	7.13	34.09	32.81	58.99	58	31.69
Stony Gorge	2.68	15.42	10.63	18.59	83	14.64
Susanville Airport	1.39	5.86	10.32	18.10	32	4.79
Tiger Creek	4.51	21.73	25.53	46.84	46	21.14
Trinity River Hatchery	4.18	21.20	20.46	34.21	62	19.51
Twin Lakes	5.00	20.40	25.85	47.56	43	20.40
Weaverville Ranger St.	7.69	24.95	23.82	38.52	65	24.11
Whiskeytown Dam	6.53	28.39	34.70	62.17	46	27.30
Yosemite Valley Hdqts.	2.99	17.81	19.43	36.88	48	16.18
Klamath Experiment St.	1.34	6.93	7.83	13.02	53	5.30

Data supplied by various agencies.