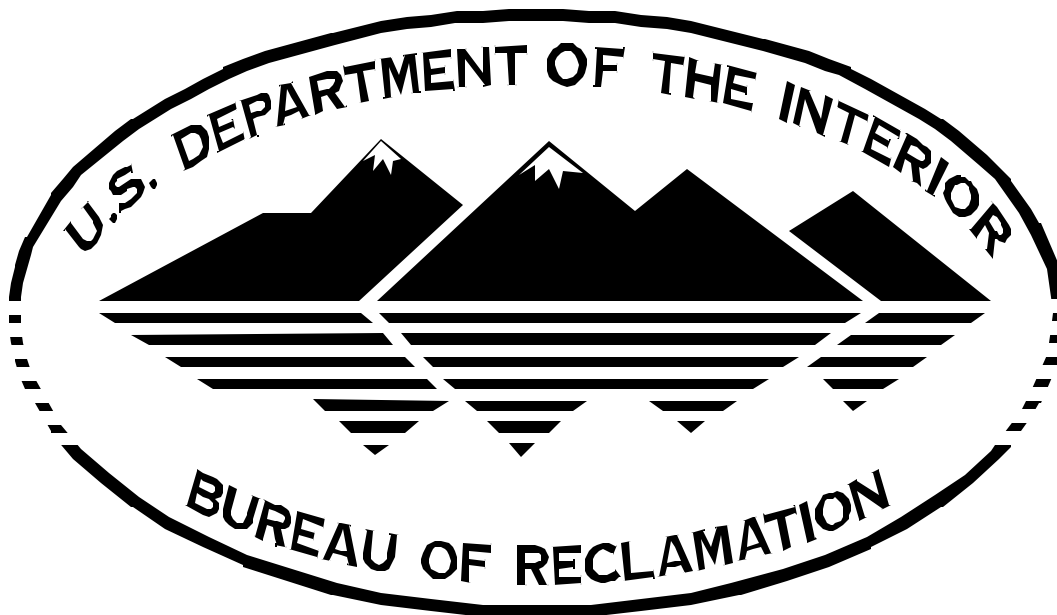


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CENTRAL VALLEY OPERATIONS OFFICE

REPORT OF OPERATIONS



April 2001

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SUMMARY OF APRIL 2001 OPERATIONS

Sacramento had an average monthly temperature of 59.1 °F which was 1.7 °F below normal. The average temperature at Shasta Dam was 56.2 °F which was 1.5 °F below normal and Huntington Lake was 3.6 °F below normal with an average temperature of 35.1 °F.

Trinity System: Storage in Trinity Lake increased 80,700 acre-feet this month to 1,963,200 acre-feet which is 80 percent of capacity and 104 percent of the 15 year average for this date. The total inflow for the month was 149,508 acre-feet. The Trinity River release ranged between 300 to 1,500 ft³/s. Whiskeytown Lake was operated between elevations 1198.46 feet and 1208.36 feet with an end-of-month storage of 235,900 acre-feet. Average releases to Clear Creek from Whiskeytown Dam were 125 ft³/s. Total diversion from the Trinity River to the Sacramento River watershed for the month was 25,732 acre-feet.

Shasta-Keswick: Storage in Shasta Lake increased 64,100 acre-feet for an end-of-month storage of 4,020,100 acre-feet which is 88 percent of capacity and 110 percent of the 15 year average. The total inflow for the month was 424,882 acre-feet. The release to the Sacramento River at Keswick ranged between 4,200 and 7,500 ft³/s for the month.

Folsom-Nimbus: Storage in Folsom Lake increased 65,400 acre-feet and had an end-of-month storage of 667,500 acre-feet which is 68 percent of capacity and 98 percent of the 15 year average for this date. The total inflow for the month was 172,319 acre-feet. The release to the American River at Nimbus ranged between 1,500 and 2,500 ft³/s during the month.

New Melones: Storage in New Melones decreased 43,900 acre-feet for an end-of-month storage of 1,876,400 acre-feet or 78 percent of capacity and 140 percent of the 15 year average. The release to the Stanislaus River at Goodwin Dam ranged between 400 to 1,500 ft³/s for the month. The total inflow for the month was 75,557 acre-feet.

Delta-San Luis: Federal storage in San Luis Reservoir on April 30, 2001, was 926,000 acre-feet compared to the storage a year ago of 906,000 acre-feet.

Friant: Storage in Millerton Lake increased 74,733 acre-feet to 450,500 acre-feet. The total monthly inflow was 138,962 acre-feet. The release to the San Joaquin River at Friant varied between 113 and 124 ft³/s.

CVP Totals: The total diversions to CVP canals were 224,085 acre-feet. The April 30, 2001, storage in the 18 CVP reservoirs was 9,453,000 acre-feet compared to a storage 1 year ago of 10,071,000 acre-feet.

Power: Gross power production for the CVP totaled 300,782,900 kilowatt-hours.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
MID-PACIFIC REGION

Table 1

MONTHLY RESERVOIR STORAGE SUMMARY IN ACRE-FEET

(PRELIMINARY DATA SUBJECT TO REVISION)

WATERSHED	RESERVOIR	TOTAL CAPACITY	04/30/2001	04/30/2000	WATERSHED	RESERVOIR	TOTAL CAPACITY	04/30/2001	04/30/2000	
KLAMATH	CLEAR LAKE *	526,800	251,220	365,850	AMERICAN	FOLSOM LAKE *CVP	1,010,300	667,540	697,300	
	GERBER *	94,300	59,520	92,740	-----	LAKE NATOMA *CVP	9,030	7,700	8,100	
	UPR KLAMATH LK *	873,300	469,770	476,740	COSUMNES	JENKINSON LK *CVP	41,000	39,590	41,190	
TRINITY	CLAIR ENGLE LK *CVP	2,447,700	1,963,230	2,318,700	MOKELUMNE	CAMANCHE	431,500	270,260	291,580	
	LEWISTON LAKE *CVP	14,660	13,940	14,100		PARDEE	210,000	193,690	189,660	
	WHISKEYTOWN *CVP	241,100	235,860	237,300		SALT SPRINGS	140,000	42,370	91,730	
MC CLOUD	MC CLOUD DIV. RES	35,230	26,960	32,990	CALAVERAS	NEW HOGAN	317,100	183,890	201,740	
PIT	IRON CANYON	24,240	12,980	7,380	STANISLAUS	NEW MELONES *CVP	2,420,000	1,876,370	1,996,000	
	LAKE BRITTON	40,620	39,310	32,220		BEARDSLEY	97,800	43,210	66,630	
	PIT NO. 6	15,890	13,810	12,470		DONNELLS	64,320	19,430	33,670	
	PIT NO. 7	34,610	31,860	28,210		TULLOCH	67,000	61,390	61,260	
SACRAMENTO	SHASTA LAKE *CVP	4,552,000	4,020,070	4,153,300	TUOLUMNE	LAKE ELEANOR	26,100	17,260	25,500	
	SPRING CREEK *CVP	5,900	5,150	1,120		LAKE LLOYD	268,000	183,180	225,390	
	KESWICK *CVP	23,800	22,170	21,900		HETCH-HETCHY	360,400	217,130	203,160	
	RED BLUFF DIV *CVP	3,920	320	470		NEW DON PEDRO	2,030,000	1,673,470	1,775,150	
FEATHER	OROVILLE	3,538,000	2,188,360	3,107,590	MERCED CHOWCHILLA	TURLOCK LAKE	49,000	34,120	29,310	
	THERMALITO DIV RES	13,500	NA	12,830		EXCHEQUER	1,024,600	687,000	765,840	
	THERMALITO FORE.	14,400	35,180	31,190		BUCHANAN	150,000	77,600	128,710	
	THERMALITO AFTER.	57,000	23,720	20,310		SAN JOAQUIN	CRANE VALLEY	45,400	39,820	37,573
	LAKE ALMANOR	1,143,000	767,770	1,039,940			LAKE T.A. EDISON	125,000	47,950	47,960
STONY CREEK	EAST PARK *	50,900	48,390	48,370	FLORENCE LAKE		64,600	2,950	3,000	
	STONY GORGE *	50,000	50,200	48,980	MAMMOTH POOL		122,700	34,220	51,590	
	BLACK BUTTE *CVP	143,700	112,170	123,780	HUNTINGTON LAKE	89,800	68,240	57,760		
PUTAH CREEK	LAKE BERRYESSA *	1,602,300	1,472,380	1,589,580	REDINGER LAKE	35,000	24,230	23,360		
	LAKE SOLANO *	720	660	660	SHAVER LAKE	135,400	106,940	83,620		
YUBA	BULLARDS BAR	930,000	762,770	843,940	MILLERTON LK *CVP	520,500	450,480	516,300		
	SO. YUBA SYSTEM	146,000	82,730	104,170	FRESNO	HIDDEN	90,000	37,830	65,860	
	NARROWS	70,000	65,470	69,840		SAN LUIS **CVP	2,040,600	1,910,990	1,876,130	
BEAR	ROLLINS	65,990	65,970	65,990	SAN LUIS	O'NEILL FORE. **CVP	56,400	49,790	43,020	
LITTLE TRUCKEE	STAMPEDE *	226,620	188,940	216,700		L BANOS RES **CVP	34,560	20,420	20,780	
	BOCA *	41,140	12,180	34,000		LT PANOCHE **CVP	5,580	830	NR	
PROSSER	PROSSER CREEK *	29,840	10,420	19,700	OIL CANYON	CONTRA LOMA *CVP	2,100	1,920	2,130	
TRUCKEE	LAKE TAHOE *	732,000	406,300	664,400	KINGS	WISHON	128,300	39,640	55,660	
	RYE PATCH *	190,000	NR	137,600		PINE FLAT	1,001,500	637,180	759,490	
HUMBOLDT					KAWEAH	TERMINUS	143,000	98,660	89,860	
					TULE	SUCCESS	82,300	42,470	63,000	
CARSON	LAHONTAN *	317,280	NR	224,200	KERN	ISABELLA	588,100	166,080	210,810	
	TWIN LAKES	21,580	10,810	16,200		CUYAMA	TWITCHELL *	240,100	5,160	5,340
AMERICAN	FRENCH MEADOWS	136,400	78,220	109,840	SANTA YNEZ	LAKE CACHUMA *	190,500	194,360	192,920	
	HELL HOLE	207,590	90,500	161,310	COYOTE	LAKE CASITAS *	254,000	242,260	313,400	
	LOON LAKE	76,500	38,760	42,860	TOTAL - 85	RESERVOIRS	33,790,020	24,332,820	28,157,593	
	ICE HOUSE	46,000	24,980	34,460	TOTAL - 36	RESERVOIRS	18,992,650	14,810,300	16,502,800	
	UNION VALLEY	277,300	97,030	228,610	TOTAL - 18	RESERVOIRS	13,572,850	11,398,540	12,071,620	
	SLAB CREEK	16,600	15,120	13,570						

** - 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

APRIL 2001

SHASTA LAKE DAILY OPERATIONS

RUN DATE: May 16, 2001

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	
		3,955.8								
1	1,046.30	3,961.5	+5.7	7,005	3,952	0	0	168	.21	.00
2	1,046.53	3,967.8	+6.3	7,929	4,544	0	0	225	.28	.00
3	1,046.70	3,972.4	+4.6	8,066	5,603	0	0	128	.16	.00
4	1,046.88	3,977.3	+4.9	8,215	5,631	0	0	112	.14	.00
5	1,046.97	3,979.8	+2.5	7,118	5,704	0	0	177	.22	.00
6	1,047.24	3,987.2	+7.4	9,626	5,765	0	0	137	.17	.20
7	1,047.37	3,990.7	+3.6	7,669	5,875	0	0	0	.00	1.06
8	1,047.47	3,993.5	+2.7	7,064	5,563	0	0	121	.15	.00
9	1,047.54	3,995.4	+1.9	6,279	5,289	0	0	24	.03	.00
10	1,047.55	3,995.7	+0.3	6,123	5,792	0	0	193	.24	.00
11	1,047.58	3,996.5	+0.8	6,010	5,459	0	0	137	.17	.00
12	1,047.60	3,997.0	+0.5	7,244	6,847	0	0	121	.15	.00
13	1,047.74	4,000.9	+3.8	7,209	5,156	0	0	121	.15	.00
14	1,047.74	4,000.9	+0.0	5,915	5,826	0	0	89	.11	.00
15	1,047.78	4,001.9	+1.1	6,432	5,711	0	0	169	.21	.00
16	1,047.88	4,004.7	+2.7	6,959	5,458	0	0	121	.15	.00
17	1,047.94	4,006.3	+1.6	6,866	5,852	0	0	186	.23	.00
18	1,048.18	4,012.9	+6.6	8,642	5,310	0	0	8	.01	.00
19	1,048.31	4,016.5	+3.6	7,653	5,778	0	0	73	.09	.01
20	1,048.49	4,021.4	+5.0	8,690	5,878	0	0	316	.39	.39
21	1,048.52	4,022.3	+0.8	6,069	5,524	0	0	129	.16	.89
22	1,048.47	4,020.9	-1.4	5,432	5,842	0	0	283	.35	.00
23	1,048.63	4,025.3	+4.4	6,479	3,912	0	0	348	.43	.00
24	1,048.51	4,022.0	-3.3	6,849	8,165	0	0	348	.43	.00
25	1,048.45	4,020.3	-1.7	6,190	6,739	0	0	283	.35	.00
26	1,048.48	4,021.2	+0.8	7,238	6,644	0	0	178	.22	.00
27	1,048.46	4,020.6	-0.6	6,629	6,688	0	0	218	.27	.00
28	1,048.43	4,019.8	-0.8	7,265	7,446	0	0	235	.29	.00
29	1,048.45	4,020.3	+0.6	7,487	7,008	0	0	202	.25	.00
30	1,048.44	4,020.1	-0.3	7,856	7,874	0	0	121	.15	.00
TOTALS			+64.1	214,208	176,835	0	0	4,971	6.16	2.55
ACRE-FEET			+64,100	424,882	350,752	0	0	9,860		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION
POWER	350,752	OUTLET	0	THIS MONTH = 2.55
SPILL	0	TOTAL	350,752	JULY 1, 2000 TO DATE = 43.68

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

Table 4

APRIL 2001

TRINITY LAKE DAILY OPERATIONS

RUN DATE: May 16, 2001

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)	
		1,882.5								
1	2,333.18	1,889.6	+7.1	3,974	308	0	0	86	.21	.00
2	2,333.49	1,893.9	+4.3	3,629	1,355	0	0	90	.22	.00
3	2,333.66	1,896.3	+2.4	2,512	1,261	0	0	53	.13	.00
4	2,333.91	1,899.8	+3.5	2,808	1,002	0	0	45	.11	.00
5	2,334.08	1,902.1	+2.4	1,945	696	0	0	49	.12	.00
6	2,334.26	1,904.7	+2.5	2,312	1,012	0	0	25	.06	.04
7	2,334.37	1,906.2	+1.5	1,796	1,013	0	0	4	.01	.45
8	2,334.55	1,908.7	+2.5	1,632	299	0	0	58	.14	.00
9	2,334.62	1,909.7	+1.0	1,548	1,023	0	0	29	.07	.00
10	2,334.68	1,910.6	+0.8	1,464	1,039	0	0	0	.00	.00
11	2,334.72	1,911.1	+0.6	1,504	1,126	0	0	95	.23	.00
12	2,334.75	1,911.5	+0.4	1,205	909	0	0	83	.20	.00
13	2,334.83	1,912.7	+1.1	1,365	745	0	0	54	.13	.00
14	2,334.86	1,913.1	+0.4	1,318	1,047	0	0	58	.14	.00
15	2,334.98	1,914.8	+1.7	1,220	312	0	0	58	.14	.00
16	2,334.91	1,913.8	-1.0	1,593	2,006	0	0	83	.20	.00
17	2,334.99	1,914.9	+1.1	1,987	1,370	0	0	50	.12	.04
18	2,335.23	1,918.3	+3.4	3,093	1,327	0	0	58	.14	.10
19	2,335.43	1,921.1	+2.8	2,496	1,060	0	0	12	.03	.23
20	2,335.62	1,923.8	+2.7	2,429	1,018	0	0	58	.14	.00
21	2,335.83	1,926.8	+3.0	1,881	374	0	0	12	.03	.55
22	2,336.02	1,929.5	+2.7	1,949	554	0	0	42	.10	.00
23	2,336.19	1,931.9	+2.4	2,267	996	0	0	54	.13	.00
24	2,336.39	1,934.7	+2.8	2,886	1,388	0	0	67	.16	.00
25	2,336.73	1,939.5	+4.8	3,860	1,339	0	0	88	.21	.00
26	2,337.18	1,945.9	+6.4	4,991	1,676	0	0	88	.21	.00
27	2,337.60	1,951.9	+6.0	4,593	1,475	0	0	97	.23	.00
28	2,337.94	1,956.8	+4.9	4,442	1,874	0	0	122	.29	.00
29	2,338.16	1,959.9	+3.2	3,450	1,777	0	0	84	.20	.00
30	2,338.39	1,963.2	+3.3	3,227	1,492	0	0	72	.17	.00
TOTALS			+80.7	75,376	32,873	0	0	1,774	4.27	1.41
ACRE-FEET			+80,700	149,508	65,204	0	0	3,519		

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	65,204	OUTLET	THIS MONTH = 1.41
SPILL	0	TOTAL	JULY 1, 2000 TO DATE = 20.49

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

Table 5

APRIL 2001

WHISKEYTOWN LAKE DAILY OPERATIONS

RUN DATE: May 22, 2001

DAY	ELEV	STORAGE		COMPUTED INFLOW C.F.S. *	FROM JUDGE FRANCIS CARR PP	CLEAR CR. NATURAL FLOW	RELEASE - C.F.S.			EVAP. C.F.S.	PRECIP INCHES	
		1000 ACRE-FEET IN LAKE	CHANGE				TO CLEAR CR (1) OUTLETS	SPILL	TO SPRING CR. PP			
		205.0										
1	1,198.46	205.6	+0.5	706	0	706	125	0	299	15	.17	.00
2	1,199.27	208.0	+2.4	1,692	964	728	125	0	341	20	.23	.00
3	1,199.92	209.9	+1.9	1,465	760	705	125	0	357	10	.11	.00
4	1,200.46	211.5	+1.6	1,234	635	599	125	0	287	8	.09	.00
5	1,200.77	212.4	+0.9	881	313	568	125	0	279	9	.10	.00
6	1,201.34	214.1	+1.7	1,260	631	629	125	0	260	10	.11	.18
7	1,201.85	215.7	+1.5	1,160	636	524	125	0	260	0	.00	.89
8	1,201.91	215.9	+0.2	471	0	471	125	0	252	3	.03	.09
9	1,202.37	217.3	+1.4	1,118	617	501	125	0	279	10	.11	.00
10	1,202.85	218.7	+1.5	1,131	689	442	125	0	260	10	.11	.00
11	1,203.32	220.2	+1.4	1,071	691	380	125	0	213	9	.10	.00
12	1,203.65	221.2	+1.0	959	454	505	125	0	310	14	.15	.00
13	1,203.98	222.2	+1.0	951	507	444	125	0	306	10	.11	.00
14	1,204.37	223.4	+1.2	1,042	618	424	125	0	306	5	.06	.00
15	1,204.40	223.5	+0.1	484	0	484	125	0	302	10	.11	.00
16	1,205.42	226.6	+3.2	2,019	1,558	461	125	0	287	16	.17	.00
17	1,205.99	228.4	+1.8	1,301	819	482	125	0	275	8	.09	.01
18	1,206.54	230.1	+1.7	1,317	804	513	125	0	318	6	.07	.04
19	1,207.07	231.8	+1.7	1,283	781	502	125	0	318	3	.03	.21
20	1,207.67	233.7	+1.9	1,390	621	769	125	0	306	5	.05	.15
21	1,207.73	233.9	+0.2	522	0	522	125	0	302	0	.00	1.42
22	1,207.71	233.8	-0.1	851	0	851	125	0	745	13	.14	.03
23	1,207.64	233.6	-0.2	616	209	407	125	0	592	10	.11	.00
24	1,207.70	233.8	+0.2	419	0	419	125	0	186	12	.13	.00
25	1,207.76	234.0	+0.2	509	0	509	125	0	275	14	.15	.00
26	1,207.82	234.1	+0.2	515	0	515	125	0	279	16	.17	.00
27	1,207.87	234.3	+0.2	529	0	529	125	0	302	22	.24	.00
28	1,208.10	235.0	+0.7	837	311	526	125	0	326	19	.20	.00
29	1,208.33	235.8	+0.7	843	355	488	125	0	337	12	.13	.00
30	1,208.36	235.9	+0.1	431	0	431	125	0	245	13	.14	.00
TOTALS		+30.8		29,007	12,973	16,034	3,750	0	9,404	312	3.41	3.02
ACRE-FEET		+30.8		57,535	25,732	31,803	7,438	0	18,653	619		

* 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	18,653	OUTLET	7,438	THIS MONTH	3.02
SPILL	0	TOTAL	26,091	JULY 1, 2000 TO DATE	44.03

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

Table 6

APRIL 2001

LEWISTON LAKE DAILY OPERATIONS

RUN DATE: May 16, 2001

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
		13,882								
1	1,900.84	13,793	-89	260	80	200	20	0	5	.21
2	1,900.84	13,793	+0	1,269	80	200	20	964	5	.22
3	1,901.06	13,956	+163	1,145	80	200	20	760	3	.13
4	1,901.13	14,008	+52	963	80	200	20	635	2	.11
5	1,901.20	14,061	+53	643	80	200	20	313	3	.12
6	1,901.24	14,091	+30	947	80	200	20	631	1	.06
7	1,901.23	14,083	-8	932	80	200	20	636	0	.01
8	1,901.04	13,941	-142	231	80	200	20	0	3	.14
9	1,901.08	13,971	+30	934	80	200	20	617	2	.07
10	1,900.91	13,845	-126	930	80	200	25	689	0	.00
11	1,901.01	13,918	+73	1,033	80	200	20	691	5	.23
12	1,901.23	14,083	+165	841	80	200	20	454	4	.20
13	1,901.01	13,918	-165	727	80	200	20	507	3	.13
14	1,901.13	14,008	+90	964	80	200	20	618	1	.14
15	1,901.03	13,933	-75	265	80	200	20	0	3	.14
16	1,901.02	13,926	-7	1,858	80	200	20	1,558	4	.20
17	1,901.18	14,046	+120	1,180	80	200	20	819	1	.12
18	1,901.37	14,188	+142	1,181	80	200	20	804	5	.14
19	1,901.03	13,933	-255	953	80	200	20	781	1	.03
20	1,901.06	13,956	+23	936	80	200	20	621	3	.14
21	1,901.09	13,978	+22	312	80	200	20	0	1	.03
22	1,901.56	14,330	+352	479	80	200	20	0	2	.10
23	1,901.64	14,390	+60	850	80	180	348	209	3	.13
24	1,901.82	14,524	+134	1,354	80	200	1,002	0	4	.16
25	1,901.27	14,113	-411	1,298	80	180	1,240	0	5	.21
26	1,901.56	14,330	+217	1,614	80	180	1,240	0	5	.21
27	1,901.40	14,210	-120	1,445	80	180	1,240	0	5	.23
28	1,901.50	14,285	+75	1,855	80	180	1,240	311	6	.29
29	1,901.23	14,083	-202	1,757	80	180	1,240	355	4	.20
30	1,901.04	13,941	-142	1,432	80	180	1,240	0	4	.17
TOTALS			+59	30,588	2,400	5,860	9,235	12,973	93	4.27
ACRE-FEET			+59	60,671	4,760	11,623	18,318	25,732	184	

* 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	4,760	JUDGE FRANCIS CARR POWERPLANT	25,732
TOTAL RIVER	34,701	TOTAL RELEASE	60,433

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

Table 7

APRIL 2001

SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS

RUN DATE: May 16, 2001

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	
		5,651								
1	792.26	5,627	-24	13	0	25				
2	791.98	5,602	-25	12	0	25				
3	791.50	5,560	-42	13	0	34				
4	790.80	5,499	-61	9	0	40				
5	790.15	5,442	-57	11	0	40				
6	789.65	5,399	-43	16	0	38				
7	789.20	5,359	-40	15	0	35				
8	788.68	5,314	-45	12	0	35				
9	788.30	5,282	-32	10	0	26				
10	788.37	5,288	+6	8	0	5				
11	788.40	5,290	+2	6	0	5				
12	788.44	5,294	+4	7	0	5				
13	788.46	5,296	+2	6	0	5				
14	788.49	5,298	+2	6	0	5				
15	788.51	5,300	+2	6	0	5				
16	788.53	5,302	+2	6	0	5				
17	788.54	5,302	+0	5	0	5				
18	788.57	5,305	+3	7	0	5				
19	788.58	5,306	+1	6	0	5				
20	788.96	5,339	+33	22	0	5				
21	789.14	5,354	+15	13	0	5				
22	789.27	5,365	+11	11	0	5				
23	789.36	5,373	+8	9	0	5				
24	789.40	5,377	+4	8	0	6				
25	789.20	5,359	-18	11	0	20				
26	788.73	5,319	-40	10	0	30				
27	788.21	5,274	-45	7	0	30				
28	787.67	5,228	-46	7	0	30				
29	787.16	5,185	-43	8	0	30				
30	786.77	5,152	-33	6	0	23				
TOTALS			-499	286	0	537				
ACRE-FEET			-499	567	0	1,065				

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)

SPILL	0
OUTLET	1,065
TOTAL	1,065

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

Table 8

APRIL 2001

KESWICK RESERVOIR DAILY OPERATIONS

RUN DATE: May 16, 2001

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)
		20,996								
1	582.28	20,853	-143	4,055	299	3,952	4,038	0	85	4
2	583.62	21,659	+806	4,599	341	4,544	4,103	0	85	5
3	583.46	21,562	-97	5,798	357	5,603	5,759	0	85	3
4	583.15	21,374	-188	5,988	287	5,631	5,996	0	85	2
5	583.06	21,319	-55	5,911	279	5,704	5,850	0	85	4
6	583.56	21,623	+304	6,177	260	5,765	5,936	0	85	3
7	584.25	22,044	+421	6,151	260	5,875	5,854	0	85	0
8	583.84	21,793	-251	5,890	252	5,563	5,929	0	85	3
9	582.76	21,140	-653	5,771	279	5,289	6,014	0	85	1
10	582.94	21,247	+107	6,089	260	5,792	5,946	0	85	4
11	582.03	20,704	-543	5,844	213	5,459	6,030	0	85	3
12	585.54	22,846	+2,142	7,147	310	6,847	5,979	0	85	3
13	584.08	21,939	-907	5,695	306	5,156	6,064	0	85	3
14	584.59	22,254	+315	6,220	306	5,826	5,974	0	85	2
15	584.57	22,242	-12	6,060	302	5,711	5,977	0	85	4
16	583.81	21,775	-467	5,835	287	5,458	5,982	0	85	3
17	584.56	22,236	+461	6,303	275	5,852	5,982	0	85	4
18	583.28	21,453	-783	5,672	318	5,310	5,982	0	85	0
19	583.53	21,605	+152	6,146	318	5,778	5,982	0	85	2
20	583.92	21,841	+236	6,193	306	5,878	5,982	0	85	7
21	583.88	21,817	-24	6,060	302	5,524	5,984	0	85	3
22	584.93	22,464	+647	6,381	745	5,842	5,964	0	85	6
23	581.11	20,164	-2,300	4,914	592	3,912	5,982	0	85	7
24	585.74	22,972	+2,808	8,444	186	8,165	6,935	0	85	8
25	584.95	22,476	-496	7,275	275	6,739	7,434	0	85	6
26	583.73	21,726	-750	7,164	279	6,644	7,453	0	85	4
27	582.75	21,134	-592	7,248	302	6,688	7,456	0	85	5
28	583.94	21,854	+720	7,916	326	7,446	7,463	0	85	5
29	583.67	21,690	-164	7,469	337	7,008	7,463	0	85	4
30	584.46	22,174	+484	7,810	245	7,874	7,478	0	85	3
TOTALS			+1,178	188,225	9,404	176,835	184,971	0	2,550	111
ACRE-FEET			+1,178	373,344	18,653	350,752	366,890	0	5,058	220

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

(1) EVAPORATION RECORDS TAKEN FROM SHASTA PAN.

SUMMARY
 RELEASE (ACRE-FEET)

POWER 366,890
 SPILL 0
 FISH TRAP 5,058

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

Table 9

APRIL 2001

RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS RUN DATE: May 16, 2001

DAY	ELEVATION	STORAGE		RELEASE C.F.S		RELEASE TO SACTO RIVER
		IN LAKE	ACRE-FEET CHANGE	CORNING CANAL	TEHAMA COLUSA CANAL	
		257				
1	237.98	246	-11	19	224	6,511
2	237.96	245	-1	0	220	6,364
3	237.94	243	-2	35	273	6,367
4	238.72	321	+78	8	316	8,592
5	238.42	291	-30	19	289	7,916
6	238.48	297	+6	16	169	8,146
7	238.55	304	+7	0	150	9,414
8	238.83	333	+29	0	147	8,614
9	238.68	317	-16	0	162	8,392
10	238.40	289	-28	0	375	9,896
11	238.35	284	-5	16	380	7,631
12	238.34	283	-1	11	381	7,584
13	238.33	282	-1	16	375	7,589
14	238.29	278	-4	16	376	6,982
15	238.25	274	-4	12	382	6,985
16	238.25	274	+0	16	372	6,843
17	238.22	270	-4	16	375	6,796
18	238.20	268	-2	26	364	6,611
19	238.24	272	+4	21	342	6,972
20	238.25	274	+2	7	367	7,012
21	238.30	279	+5	10	379	7,641
22	238.35	284	+5	13	145	7,912
23	238.37	286	+2	10	108	8,240
24	238.38	287	+1	10	187	8,197
25	238.38	287	+0	0	219	8,354
26	238.40	289	+2	0	391	8,672
27	238.44	293	+4	0	393	8,711
28	238.45	294	+1	18	371	8,912
29	238.70	319	+25	24	369	8,876
30	238.70	319	+0	25	367	8,774
TOTALS			+62	364	8,968	235,506
ACRE-FEET			+62	722	17,788	467,126

SUMMARY

RELEASE (ACRE-FEET)

CORNING CANAL	722
TEHAMA-COLUSA CANAL	17,788
TO SACTO RIVER	467,126
TOTAL	485,636

CORPS OF ENGINEERS, U.S. ARMY
Sacramento District Sacramento, California

Table 10

DAILY OPERATION OF BLACK BUTTE RESERVOIR, STONY CREEK, CALIFORNIA

APRIL 2001

Date	Midnight Elev (ft)	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	465.15	109214	759	610	193.0	101.0	92.0	0.0	68	0.32	0.00	98322	122500	
2	465.27	109671	457	515	255.0	101.0	151.0	3.0	58	0.27	0.00	98277	125300	
3	465.39	110130	459	539	284.0	110.0	171.0	3.0	47	0.22	0.00	98138	128100	
4	465.48	110474	344	496	297.0	121.0	171.0	5.0	51	0.24	0.00	97945	130900	
5	465.58	110857	383	503	286.0	134.0	147.0	5.0	47	0.22	0.03	97726	133700	
6	465.69	111280	423	494	275.0	119.0	151.0	5.0	11	0.05	0.11	97532	136100	
7	465.83	111819	539	509	226.0	89.0	132.0	5.0	22	0.10	0.01	97270	138700	
8	465.95	112282	463	447	201.0	81.0	115.0	5.0	24	0.11	0.00	96975	139800	
9	466.05	112669	387	445	219.0	82.0	132.0	5.0	61	0.28	0.00	96696	140200	
10	466.15	113057	388	466	239.0	92.0	142.0	5.0	63	0.29	0.00	96430	141500	
11	466.23	113368	311	444	261.0	110.0	146.0	5.0	52	0.24	0.00	96102	142600	
12	466.27	113523	155	342	249.0	108.0	136.0	5.0	30	0.14	0.00	96530	143300	
13	466.24	113406	-117	179	221.0	93.0	123.0	5.0	33	0.15	0.00	96530	143700	
14	466.18	113173	-233	140	236.0	115.0	116.0	5.0	43	0.20	0.00	96937	143700	
15	466.12	112940	-233	131	223.0	108.0	110.0	5.0	50	0.23	0.00	97172	143700	
16	466.04	112630	-310	131	256.0	107.0	144.0	5.0	63	0.29	0.00	97400	143700	
17	465.95	112282	-348	132	277.0	120.0	152.0	5.0	61	0.28	0.00	97638	143700	
18	465.85	111896	-386	108	287.0	124.0	158.0	5.0	30	0.14	0.03	97856	143700	
19	465.79	111665	-231	177	290.0	131.0	154.0	5.0	6	0.03	0.15	98051	143700	
20	465.75	111511	-154	199	275.0	107.0	163.0	5.0	4	0.02	0.56	98240	143700	
21	465.74	111472	-39	192	190.0	73.0	117.0	0.0	43	0.20	0.00	98279	143700	
22	465.87	111973	501	416	145.0	61.0	84.0	0.0	37	0.17	0.00	97932	143700	
23	466.01	112514	541	449	150.0	54.0	96.0	0.0	52	0.24	0.00	97572	143700	
24	466.15	113057	543	449	149.0	72.0	77.0	0.0	52	0.24	0.00	97432	143700	
25	466.17	113135	78	241	172.0	72.0	100.0	0.0	59	0.27	0.00	97665	143700	
26	466.16	113096	-39	200	189.0	67.0	122.0	0.0	61	0.28	0.00	97896	143700	
27	466.13	112979	-117	184	205.0	78.0	127.0	0.0	76	0.35	0.00	98100	143700	
28	466.07	112747	-232	135	222.0	100.0	117.0	5.0	59	0.27	0.00	98359	143700	
29	466.02	112553	-194	142	207.0	96.0	106.0	5.0	65	0.30	0.00	98592	143700	
30	465.92	112166	-387	137	297.0	153.0	139.0	5.0	69	0.32	0.00	98473	143700	
Totals (sfd)				9552	6976.0	2979.0	3891.0	106.0						
Totals (ac-ft)				3711	18946	13836.9	5908.8			1397				
Totals (inches)										6.46	0.89			

[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

APRIL 2001

FOLSOM LAKE DAILY OPERATIONS

RUN DATE: May 16, 2001

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	
1	428.96	602.2									
2	429.20	604.4	+2.2	2,859	1,542	0	0	164	41	.14	.00
3	429.42	606.5	+2.1	3,007	1,678	0	60	153	41	.14	.00
4	429.46	608.5	+2.0	2,949	1,712	0	72	145	33	.11	.00
5	429.42	608.8	+0.4	2,444	2,080	0	0	152	33	.11	.00
6	429.42	608.5	-0.4	2,024	2,007	0	6	154	36	.12	.00
7	429.50	609.2	+0.7	2,546	2,006	0	0	137	44	.15	.00
8	429.66	610.6	+1.4	2,507	1,654	0	0	121	15	.05	.87
9	429.77	611.6	+1.0	2,136	1,514	0	0	128	0	.00	.13
10	429.87	612.5	+0.9	2,104	1,503	0	0	131	21	.07	.00
11	429.86	612.4	-0.1	1,620	1,499	0	0	130	36	.12	.00
12	429.92	612.9	+0.5	2,053	1,612	0	0	124	48	.16	.00
13	429.94	613.1	+0.2	1,629	1,417	0	0	122	0	.00	.51
14	429.94	613.1	+0.0	2,052	1,898	0	0	124	30	.10	.00
15	429.99	613.6	+0.4	1,798	1,408	0	0	136	30	.10	.00
16	429.97	613.4	-0.2	1,570	1,481	0	0	146	33	.11	.00
17	429.95	613.2	-0.2	1,773	1,680	0	0	147	36	.12	.00
18	430.09	614.5	+1.3	2,256	1,446	0	0	137	42	.14	.00
19	430.30	616.3	+1.9	2,515	1,394	0	0	130	42	.14	.00
20	430.53	618.4	+2.1	2,793	1,610	0	0	143	0	.00	.04
21	431.03	622.9	+4.5	4,801	2,412	0	0	128	0	.00	.04
22	431.55	627.6	+4.7	4,284	1,801	0	0	114	0	.00	1.17
23	431.96	631.3	+3.7	3,367	1,342	0	0	130	27	.09	.00
24	432.38	635.1	+3.8	3,628	1,527	0	0	139	36	.12	.00
25	432.79	638.8	+3.7	3,781	1,715	0	0	141	43	.14	.00
26	433.37	644.1	+5.3	4,387	1,512	0	0	157	43	.14	.00
27	434.01	650.0	+5.9	4,582	1,393	0	0	166	64	.21	.00
28	434.73	656.7	+6.7	4,937	1,373	0	0	164	46	.15	.00
29	435.24	661.4	+4.7	4,083	1,487	0	0	163	49	.16	.00
30	435.56	664.4	+3.0	3,158	1,460	0	0	160	37	.12	.00
30	435.90	667.5	+3.2	3,233	1,420	0	0	165	53	.17	.00
TOTALS			+65.4	86,876	48,583	0	138	4,251	959	3.18	2.76
ACRE-FEET			+65,400	172,319	96,364	0	274	8,432	1,902		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)		PRECIPITATION
POWER	96,364	OUTLET	THIS MONTH = 2.76
SPILL	0	TOTAL	JULY 1, 2000 TO DATE = 18.74
PUMPING PLANT	8,432		

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

Table 12

APRIL 2001

LAKE NATOMA DAILY OPERATIONS

RUN DATE: May 16, 2001

DAY	ELEV	STORAGE ACRE-FEET		COMPUTED* INFLOW C.F.S.	FOLSOM SOUTH CANAL	RELEASE - C.F.S.			EVAP C.F.S. (1)
		IN LAKE	CHANGE			POWER	SPILL	HATCHERY	
		7,724							
1	123.08	7,829	+105	1,589	26	1,448	0	60	2
2	123.64	8,092	+263	1,677	30	1,452	0	60	2
3	123.06	7,819	-273	1,813	30	1,860	0	60	1
4	123.46	8,007	+188	2,108	30	1,922	0	60	1
5	123.55	8,050	+43	2,037	28	1,925	0	60	2
6	123.60	8,073	+23	2,039	20	1,945	0	60	2
7	124.00	8,261	+188	1,750	20	1,574	0	60	1
8	123.99	8,256	-5	1,498	20	1,421	0	60	0
9	123.53	8,040	-216	1,421	20	1,449	0	60	1
10	123.32	7,941	-99	1,497	20	1,465	0	60	2
11	123.18	7,876	-65	1,594	20	1,545	0	60	2
12	122.88	7,737	-139	1,454	15	1,449	0	60	0
13	123.53	8,040	+303	1,739	0	1,525	0	60	1
14	123.22	7,894	-146	1,464	11	1,466	0	60	1
15	123.14	7,857	-37	1,514	26	1,446	0	60	1
16	123.75	8,144	+287	1,708	30	1,471	0	60	2
17	123.40	7,979	-165	1,480	30	1,471	0	60	2
18	123.12	7,847	-132	1,516	48	1,471	0	62	2
19	123.40	7,979	+132	1,612	30	1,455	0	60	0
20	124.55	8,536	+557	2,634	24	2,269	0	60	0
21	123.82	8,176	-360	1,935	20	2,036	0	60	0
22	122.83	7,715	-461	1,394	20	1,545	0	60	1
23	123.08	7,829	+114	1,570	20	1,431	0	60	2
24	123.77	8,153	+324	1,725	50	1,450	0	60	2
25	123.82	8,176	+23	1,556	20	1,462	0	60	2
26	123.48	8,017	-159	1,485	20	1,482	0	60	3
27	123.04	7,810	-207	1,429	20	1,451	0	60	2
28	123.07	7,824	+14	1,535	20	1,446	0	60	2
29	122.95	7,769	-55	1,500	20	1,446	0	60	2
30	122.80	7,701	-68	1,507	20	1,459	0	60	2
TOTALS			-23	49,780	708	47,237	0	1,802	43
ACRE-FEET			-23	98,739	1,404	93,695	0	3,574	85

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	93,695	FOLSOM SOUTH CANAL	1,404	TOTAL	98,673
SPILL	0	HATCHERY	3,574		

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

Table 13

APRIL 2001

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: May 16, 2001

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	
		1,920.5								
1	1,044.86	1,919.0	-1.5	761	1,463	0	0	59	.17	.00
2	1,044.56	1,915.8	-3.2	1,113	2,691	0	0	52	.15	.00
3	1,044.30	1,913.0	-2.8	700	2,071	0	0	42	.12	.00
4	1,044.13	1,911.2	-1.8	831	1,685	0	0	70	.20	.00
5	1,043.93	1,909.0	-2.2	707	1,754	0	0	38	.11	.00
6	1,043.73	1,906.9	-2.1	738	1,769	0	0	52	.15	.00
7	1,043.59	1,905.4	-1.5	1,075	1,781	0	0	52	.15	.00
8	1,043.34	1,902.7	-2.7	350	1,694	0	0	10	.03	.13
9	1,043.19	1,901.1	-1.6	802	1,587	0	0	28	.08	.00
10	1,043.08	1,899.9	-1.2	994	1,548	0	0	42	.12	.00
11	1,042.96	1,898.6	-1.3	905	1,502	0	0	52	.15	.02
12	1,042.96	1,898.6	+0.0	1,089	1,072	0	0	17	.05	.12
13	1,042.72	1,896.0	-2.6	1,130	2,409	0	0	17	.05	.12
14	1,042.52	1,893.9	-2.1	966	2,028	0	0	17	.05	.12
15	1,042.38	1,892.4	-1.5	770	1,464	0	0	62	.18	.00
16	1,042.17	1,890.1	-2.2	1,171	2,246	0	0	59	.17	.00
17	1,041.98	1,888.1	-2.0	1,330	2,289	0	0	66	.19	.00
18	1,041.85	1,886.7	-1.4	1,322	1,955	0	0	66	.19	.00
19	1,041.68	1,884.9	-1.8	1,628	2,498	0	0	45	.13	.32
20	1,041.61	1,884.2	-0.7	2,157	2,503	0	0	31	.09	.59
21	1,041.42	1,882.1	-2.0	1,491	2,465	0	0	48	.14	.80
22	1,041.39	1,881.8	-0.3	1,588	1,714	0	0	35	.10	.00
23	1,041.32	1,881.1	-0.7	1,718	2,036	0	0	59	.17	.00
24	1,041.31	1,881.0	-0.1	1,830	1,824	0	0	59	.17	.00
25	1,041.34	1,881.3	+0.3	2,138	1,894	0	0	83	.24	.00
26	1,041.23	1,880.1	-1.2	1,922	2,417	0	0	97	.28	.00
27	1,041.35	1,881.4	+1.3	1,966	1,230	0	0	90	.26	.00
28	1,041.21	1,879.9	-1.5	1,911	2,581	0	0	83	.24	.00
29	1,041.07	1,878.4	-1.5	1,363	2,030	0	0	86	.25	.00
30	1,040.88	1,876.4	-2.0	1,627	2,571	0	0	76	.22	.00
TOTALS			-43.9	38,093	58,771	0	0	1,593	4.60	2.22
ACRE-FEET			-43,900	75,557	116,572	0	0	3,160		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	116,572	OUTLET	0	THIS MONTH =	2.22
SPILL	0	TOTAL	116,572	JULY 1, 2000 TO DATE =	24.83

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

APRIL 2001

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: September 14, 2004

DAY	ELEV	STORAGE		TULLOCH	RELEASE - C.F.S.			
		ACRE-FEET	CHANGE		RES.	RIVER	CANALS	
				RELEASE	OUTLET	SPILL	JOINT	SOUTH
							MAIN	MAIN
		543						
1	360.08	543	+0	1,717	0	416	898	283
2	360.10	544	+1	1,677	0	417	898	271
3	360.08	543	-1	1,666	0	418	901	280
4	360.19	550	+7	1,733	0	445	899	301
5	360.19	550	+0	1,880	0	565	896	312
6	360.21	552	+2	1,833	0	560	894	305
7	360.19	550	-2	1,690	0	557	864	252
8	360.19	550	+0	1,628	0	568	843	192
9	360.16	548	-2	1,568	0	554	820	161
10	360.19	550	+2	1,551	0	556	808	150
11	360.19	550	+0	1,577	0	556	818	164
12	360.10	544	-6	1,638	0	553	833	196
13	360.19	550	+6	1,681	0	550	850	210
14	360.19	550	+0	1,660	0	562	855	190
15	360.19	550	+0	1,764	0	553	855	229
16	360.19	550	+0	1,792	0	559	854	245
17	360.19	550	+0	1,603	0	559	728	230
18	360.68	585	+35	2,005	0	947	665	258
19	360.11	545	-40	2,661	0	1,510	651	259
20	360.68	585	+40	2,487	0	1,510	565	206
21	360.68	585	+0	2,208	0	1,510	488	44
22	360.68	585	+0	2,171	0	1,500	487	30
23	360.63	581	-4	2,130	0	1,470	487	21
24	360.65	583	+2	2,074	0	1,400	486	7
25	360.68	585	+2	2,154	0	1,430	501	27
26	360.71	587	+2	2,302	0	1,500	475	184
27	360.71	587	+0	2,369	0	1,500	448	217
28	360.71	587	+0	2,448	0	1,500	522	231
29	360.71	587	+0	2,462	0	1,510	551	235
30	360.71	587	+0	2,503	0	1,500	554	240
TOTALS			+44	58,632	0	27,735	21,394	5,930
ACRE-FEET			+44	116,297	0	55,012	42,435	11,762

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

SUMMARY
 RELEASE (ACRE-FEET)

JOINT MAIN CANAL	42,435	OUTLET	0
SOUTH MAIN CANAL	11,762	SPILL	55,012
		TOTAL	109,209

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

Table 15

APRIL 2001

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: May 16, 2001

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			
		375.8									
1	546.74	380.0	+4.2	3,119	0	858	0	116	26	.20	
2	547.40	382.7	+2.7	2,405	0	905	0	117	17	.13	
3	548.11	385.6	+2.9	2,529	0	905	0	118	31	.23	
4	548.76	388.3	+2.7	2,494	78	905	0	118	36	.27	
5	549.35	390.7	+2.5	2,475	191	905	0	118	24	.18	
6	549.97	393.3	+2.6	2,492	216	838	0	116	19	.14	
7	550.84	397.0	+3.6	2,904	232	704	0	114	20	.15	
8	551.53	399.9	+2.9	2,507	313	590	0	115	27	.20	
9	552.22	402.8	+2.9	2,435	291	547	0	115	14	.10	
10	552.95	405.9	+3.1	2,515	307	521	0	117	11	.08	
11	553.61	408.7	+2.8	2,349	303	503	0	113	12	.09	
12	554.33	411.8	+3.1	2,437	295	451	0	121	18	.13	
13	554.60	412.9	+1.2	1,304	235	349	0	122	14	.10	
14	554.92	414.3	+1.4	1,388	236	302	0	122	36	.26	
15	555.56	417.0	+2.8	2,185	278	371	0	122	22	.16	
16	555.58	417.1	+0.1	1,018	403	437	0	122	13	.09	
17	555.54	417.0	-0.2	1,136	571	505	0	122	25	.18	
18	555.84	418.3	+1.3	2,064	656	609	0	122	24	.17	
19	556.16	419.6	+1.4	2,238	739	654	0	122	24	.17	
20	556.45	420.9	+1.3	1,928	631	518	0	122	22	.16	
21	556.85	422.6	+1.7	1,937	494	420	0	123	24	.17	
22	557.25	424.4	+1.7	1,827	385	420	0	124	18	.13	
23	558.01	427.7	+3.3	2,731	461	468	0	124	3	.02	
24	558.67	430.6	+2.9	2,748	608	502	0	124	50	.35	
25	559.35	433.6	+3.0	2,648	500	502	0	124	9	.06	
26	559.97	436.4	+2.7	2,398	296	557	0	123	39	.27	
27	560.60	439.2	+2.8	2,489	316	596	0	123	43	.30	
28	561.57	443.5	+4.3	3,288	356	596	0	123	33	.23	
29	562.30	446.7	+3.3	2,844	310	714	0	123	48	.33	
30	563.13	450.5	+3.7	3,227	285	912	0	124	22	.15	
TOTALS			+74.7	70,059	9,986	18,064	0	3,609	724	5.20	1.70
ACRE-Feet			+74,733	138,962	19,807	35,830	0	7,158	1,436		

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 =	1.70
MADERA	TOTAL RELEASES	JULY 1, 2000 TO DATE =	13.32

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

Table 16

April 2001

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 -prev day-	Vernalis 7-day Average	Monthly Average	Total Delta Inflow		Clifton Court (CLT)	Tracy (TRA)	Contra Costa (CCC)	Byron Bethan (BBID)	NBA	Total Delta Exports	3-day Avg TRA & CLT	NDOI daily	7-day Avg	Monthly Avg	Daily (%)	3 Day (%)	14 Day (%)
04/01/01	14,311	225	133	734	2,116	2,183	2,071	17,519	1,750	3,379	3,297	328	50	17	6,969	6,942	8,800	10,107	8,800	37.8%	37.8%	34.0%
04/02/01	13,787	222	121	727	2,071	2,135	2,121	16,928	1,750	3,190	3,437	323	86	17	6,880	6,787	8,297	9,769	8,548	38.6%	38.3%	34.0%
04/03/01	13,997	218	116	716	2,171	2,135	2,135	17,218	1,750	3,183	3,425	330	64	24	6,898	6,637	8,570	9,429	8,556	38.0%	38.1%	33.8%
04/04/01	13,797	215	238	670	2,162	2,120	2,110	17,082	1,800	3,073	3,418	333	60	58	6,821	6,575	8,460	9,172	8,532	37.6%	38.1%	34.0%
04/05/01	13,442	211	302	635	2,036	2,097	2,083	16,626	1,800	991	3,431	328	114	77	4,713	5,840	10,113	9,103	8,848	25.9%	33.9%	30.7%
04/06/01	12,854	208	302	627	1,975	2,087	2,082	15,966	1,800	1,476	2,238	286	72	75	4,003	4,876	10,163	9,089	9,067	22.8%	28.9%	26.0%
04/07/01	13,476	204	266	592	2,075	2,114	2,114	16,613	(1,167)	1,369	2,363	284	50	45	4,012	3,956	13,769	9,739	9,739	22.2%	23.6%	21.4%
04/08/01	14,188	201	190	702	2,310	2,181	2,167	17,591	(2,030)	992	3,428	310	50	42	4,721	3,955	14,899	10,610	10,384	24.8%	23.3%	21.7%
04/09/01	14,010	201	140	679	2,537	2,232	2,207	17,567	(3,855)	724	3,421	307	58	54	4,449	4,099	16,974	11,850	11,116	23.3%	23.4%	22.8%
04/10/01	13,871	201	178	632	2,529	2,269	2,229	17,411	(3,855)	2,387	3,415	304	66	57	6,097	4,789	15,170	12,793	11,521	32.9%	27.0%	26.9%
04/11/01	13,647	201	197	646	2,420	2,321	2,244	17,111	(3,855)	2,792	3,453	307	56	56	6,552	5,397	14,414	13,643	11,784	36.2%	30.7%	30.6%
04/12/01	13,110	201	241	662	2,401	2,384	2,258	16,615	(889)	2,494	3,418	307	57	66	6,227	5,986	11,277	13,809	11,742	35.2%	34.8%	34.4%
04/13/01	13,138	201	291	820	2,414	2,432	2,270	16,864	74	2,625	2,943	307	67	81	5,889	5,908	10,901	13,915	11,677	32.6%	34.7%	34.2%
04/14/01	12,475	201	303	747	2,414	2,445	2,280	16,140	1,900	2,987	2,748	308	50	81	6,073	5,738	8,167	13,115	11,427	35.2%	34.3%	33.5%
04/15/01	12,434	201	353	720	2,402	2,427	2,288	16,110	1,900	2,900	2,746	306	38	76	5,989	5,649	8,221	12,160	11,213	34.8%	34.2%	33.2%
04/16/01	12,044	201	349	703	2,409	2,418	2,300	15,706	1,900	3,182	2,752	317	98	77	6,230	5,772	7,576	10,818	10,986	37.2%	35.7%	34.1%
04/17/01	11,538	201	360	680	2,468	2,396	2,297	15,247	1,900	2,687	2,745	334	97	77	5,746	5,671	7,601	9,737	10,787	35.0%	35.7%	33.7%
04/18/01	11,348	201	367	673	2,262	2,354	2,287	14,851	1,900	1,999	2,678	335	101	79	4,991	5,348	7,960	8,815	10,630	30.8%	34.4%	31.9%
04/19/01	10,195	201	388	683	2,109	2,325	2,283	13,576	1,900	2,195	1,803	332	93	74	4,311	4,703	7,365	8,256	10,458	28.8%	31.6%	28.4%
04/20/01	9,995	201	420	734	2,213	2,489	2,347	13,563	1,900	212	742	334	84	73	1,278	3,210	10,385	8,182	10,454	6.4%	22.3%	19.4%
04/21/01	10,525	201	435	921	3,560	2,806	2,455	15,642	(3,805)	541	744	330	0	70	1,685	2,079	17,763	9,553	10,802	8.2%	14.2%	12.6%
04/22/01	12,300	201	392	1,297	4,619	3,146	2,561	18,809	(3,805)	662	739	320	88	72	1,705	1,214	20,910	11,366	11,262	7.0%	7.2%	7.2%
04/23/01	12,865	201	368	1,042	4,789	3,465	2,654	19,265	(3,805)	573	738	314	64	70	1,631	1,332	21,439	13,346	11,704	6.5%	7.2%	7.9%
04/24/01	12,772	201	347	933	4,704	3,812	2,739	18,957	(3,755)	692	737	325	29	72	1,795	1,380	20,917	15,249	12,088	7.4%	6.9%	8.1%
04/25/01	12,515	201	441	949	4,690	4,162	2,812	18,796	(3,755)	741	746	331	34	81	1,864	1,409	20,688	17,067	12,432	7.7%	7.2%	8.3%
04/26/01	12,031	201	452	993	4,561	4,469	2,872	18,238	1,950	740	742	332	43	0	1,771	1,466	14,517	18,088	12,512	7.9%	7.7%	8.6%
04/27/01	11,267	201	409	1,022	4,359	4,588	2,928	17,258	1,950	691	749	328	66	75	1,777	1,469	13,531	18,538	12,550	8.0%	7.9%	8.6%
04/28/01	10,960	201	355	992	4,397	4,568	2,983	16,905	2,000	750	739	313	12	78	1,869	1,470	13,036	17,863	12,567	8.7%	8.2%	8.6%
04/29/01	11,082	201	373	930	4,473	4,522	3,035	17,059	2,000	744	744	323	25	78	1,863	1,472	13,196	16,761	12,589	8.6%	8.4%	8.6%
04/30/01	10,334	201	398	886	4,472	4,473	3,079	16,291	2,000	749	741	332	40	91	1,872	1,489	12,419	15,472	12,583	8.9%	8.7%	8.7%
Total	374,308	6,126	9,225	23,747	90,118	85,555	72,292	503,524	(654)	51,720	65,317	9,566	*****	1,893	126,681	122,618	377,497	367,411	327,357	695.1%	724.6%	685.8%
Average	12,477	204	308	792	3,004	2,852	2,410	16,784	(22)	1,724	2,177	319	60	63	4,223	4,087	12,583	12,247	327,357	23.2%	24.2%	22.9%

Table 17

APRIL 2001

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

RUN DATE: May 16, 2001

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	
		1,977,986									
1	539.04	1,977,734	-252	552	0	200	0	-479	122	.30	.00
2	538.95	1,976,601	-1,133	576	868	169	0	-110	163	.40	.00
3	538.91	1,976,097	-504	0	0	186	0	-68	94	.23	.00
4	538.97	1,976,852	+755	1,021	0	197	0	-443	102	.25	.00
5	538.95	1,976,601	-251	0	0	88	0	-39	102	.25	.00
6	538.70	1,973,453	-3,148	0	1,897	139	0	+449	126	.31	.00
7	537.59	1,959,498	-13,955	0	7,611	226	0	+801	8	.02	.15
8	537.55	1,958,996	-502	0	0	139	0	-114	122	.30	.00
9	537.50	1,958,368	-628	0	0	211	0	-105	81	.20	.00
10	537.49	1,958,243	-125	369	0	241	0	-190	81	.20	.01
11	537.76	1,961,633	+3,390	2,680	0	257	0	-714	118	.29	.00
12	538.10	1,965,906	+4,273	2,956	0	266	0	-535	94	.23	.00
13	538.41	1,969,804	+3,898	2,927	0	269	0	-693	102	.25	.00
14	538.66	1,972,949	+3,145	2,030	0	267	0	-177	122	.30	.00
15	539.09	1,978,364	+5,415	3,518	0	263	0	-525	98	.24	.00
16	539.30	1,981,010	+2,646	1,927	0	269	0	-324	122	.30	.00
17	539.57	1,984,414	+3,404	2,142	0	268	0	-157	143	.35	.00
18	539.79	1,987,190	+2,776	1,710	0	272	0	-38	82	.20	.00
19	539.78	1,987,063	-127	0	0	259	0	+195	118	.29	.08
20	539.53	1,983,910	-3,153	0	1,565	260	0	+235	73	.18	.01
21	538.89	1,975,845	-8,065	0	3,908	252	0	+94	24	.06	.37
22	538.42	1,969,930	-5,915	0	2,871	258	0	+147	81	.20	.00
23	537.77	1,961,759	-8,171	0	3,911	261	0	+52	138	.34	.00
24	537.24	1,955,105	-6,654	0	3,208	278	0	+132	110	.27	.00
25	536.90	1,950,841	-4,264	0	2,001	273	0	+124	106	.26	.00
26	536.18	1,941,822	-9,019	0	4,217	243	0	-87	182	.45	.00
27	535.37	1,931,693	-10,129	0	4,932	275	0	+100	210	.52	.00
28	534.79	1,924,451	-7,242	0	3,211	279	0	-160	186	.46	.00
29	534.36	1,919,088	-5,363	0	2,491	274	0	+62	141	.35	.00
30	533.71	1,910,991	-8,097	0	3,849	286	0	+52	165	.41	.00
TOTALS			-66,995	22,408	46,540	7,125	0	-2,515	3,416	8.41	.62
ACRE-FEET			-66,995	44,446	92,312	14,132	0	-4,989	6,776		

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
POWER	92,312	SPILL	0
PACHECO TUNNEL	14,132	TOTAL	106,444
		THIS MONTH =	.62
		JULY 1, 2000 TO DATE =	9.69

APRIL 2001

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

RUN DATE: May 16, 2001

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		
		40,381									
1	218.53	39,398	-983	1,764	0	2,889	0	552	4,694		+97
2	219.95	43,023	+3,625	2,008	868	2,770	0	576	3,659		+417
3	220.91	45,525	+2,502	1,957	0	2,737	0	0	2,985		-447
4	220.86	45,394	-131	1,760	0	2,693	0	1,021	3,869		+371
5	220.10	43,411	-1,983	1,615	0	1,715	0	0	4,009		-321
6	219.84	42,738	-673	826	1,897	1,367	0	0	4,433		+4
7	222.94	50,886	+8,148	453	7,611	631	0	0	3,793		-794
8	221.82	47,914	-2,972	1,821	0	1,033	0	0	4,516		+164
9	221.74	47,703	-211	2,033	0	79	0	0	2,145		-74
10	223.15	51,447	+3,744	2,146	0	1,259	0	369	1,293		+145
11	223.23	51,661	+214	2,193	0	2,156	0	2,680	1,834		+272
12	223.01	51,073	-588	2,211	0	2,007	0	2,956	1,993		+435
13	221.88	48,071	-3,002	1,847	0	2,032	0	2,927	3,038		+572
14	222.29	49,155	+1,084	1,583	0	2,847	0	2,030	2,057		+204
15	220.92	45,551	-3,604	1,627	0	2,331	0	3,518	2,576		+318
16	221.03	45,839	+288	1,633	0	2,339	0	1,927	1,888		-12
17	221.38	46,758	+919	1,618	0	2,530	0	2,142	1,843		+300
18	220.79	45,210	-1,548	1,430	0	1,667	0	1,710	2,333		+165
19	221.28	46,495	+1,285	855	0	2,431	281	0	2,323		-34
20	220.43	44,270	-2,225	0	1,565	300	740	0	2,214		-33
21	220.71	45,001	+731	0	3,908	0	625	0	2,576		-339
22	219.72	42,428	-2,573	0	2,871	0	475	0	3,666		-27
23	220.81	45,263	+2,835	0	3,911	0	364	0	2,200		+82
24	220.95	45,629	+366	0	3,208	0	587	0	2,305		-133
25	219.86	42,790	-2,839	0	2,001	0	782	0	2,450		-201
26	220.67	44,897	+2,107	0	4,217	229	905	0	2,612		+134
27	222.09	48,624	+3,727	0	4,932	738	935	0	2,627		-229
28	222.69	50,219	+1,595	0	3,211	613	917	0	2,218		+114
29	222.37	49,368	-851	0	2,491	1,205	924	0	3,163		-39
30	222.53	49,793	+425	0	3,849	189	987	0	2,848		+12
TOTALS			+9,412	31,380	46,540	40,787	8,522	22,408	84,160		+1,123
ACRE-FEET			+9,412	62,242	92,312	80,901	16,903	44,446	166,931	0	2,227

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

SUMMARY

RELEASE (ACRE-FEET)

O'NEILL GEN.	16,903	DOS AMIGOS PUMP	166,931
SAN LUIS PUMP	44,446	DELIVERIES	0
		TOTAL	228,280

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

Table 19

APRIL 2001

FEDERAL-STATE OPERATIONS
 SAN LUIS UNIT

RUN DATE: May 16, 2001

DAY	AQUEDUCT CHECK 12			O'NEILL PUMPING			GENER	SAN LUIS PUMPING			SAN LUIS GENERATION			PACHECO	DOS AMIGOS		
	STATE	FED	TOTAL	FED	STATE	TOTAL	TOTAL	FED	STATE	TOTAL	FED	STATE	TOTAL	PUMP	FED	STATE	TOTAL
1	5,731	0	5,731	3,499	0	3,499	0	0	1,095	1,095	0	0	0	397	3,674	5,636	9,310
2	5,494	0	5,494	3,983	0	3,983	0	0	1,143	1,143	1,287	435	1,722	336	3,905	3,353	7,258
3	5,428	0	5,428	3,881	0	3,881	0	0	0	0	0	0	0	369	3,461	2,459	5,920
4	5,342	0	5,342	3,490	0	3,490	0	0	2,025	2,025	0	0	0	391	4,016	3,658	7,674
5	3,402	0	3,402	3,203	0	3,203	0	0	0	0	0	0	0	174	3,183	4,769	7,952
6	2,711	0	2,711	1,639	0	1,639	0	0	0	0	0	3,763	3,763	276	3,238	5,555	8,793
7	1,251	0	1,251	898	0	898	0	0	0	0	5,142	9,954	15,096	448	3,345	4,178	7,523
8	2,048	0	2,048	3,611	0	3,611	0	0	0	0	0	0	0	276	3,192	5,765	8,957
9	157	0	157	4,033	0	4,033	0	0	0	0	0	0	0	419	2,914	1,341	4,255
10	2,497	0	2,497	4,256	0	4,256	0	0	731	731	0	0	0	479	2,259	306	2,565
11	4,277	0	4,277	4,350	0	4,350	0	0	5,316	5,316	0	0	0	510	2,969	668	3,637
12	3,981	0	3,981	4,385	0	4,385	0	0	5,863	5,863	0	0	0	528	1,189	2,765	3,954
13	4,030	0	4,030	3,664	0	3,664	0	0	5,805	5,805	0	0	0	533	1,230	4,795	6,025
14	5,647	0	5,647	3,140	0	3,140	0	0	4,027	4,027	0	0	0	530	1,198	2,883	4,081
15	4,624	0	4,624	3,228	0	3,228	0	0	6,977	6,977	0	0	0	521	1,220	3,890	5,110
16	4,639	0	4,639	3,240	0	3,240	0	2,628	1,195	3,823	0	0	0	534	1,068	2,677	3,745
17	5,018	0	5,018	3,209	0	3,209	0	2,624	1,624	4,248	0	0	0	532	1,200	2,456	3,656
18	3,307	0	3,307	2,836	0	2,836	0	1,911	1,480	3,391	0	0	0	540	1,210	3,418	4,628
19	4,822	0	4,822	1,696	0	1,696	558	0	0	0	0	0	0	513	1,145	3,462	4,607
20	596	0	596	0	0	0	1,468	0	0	0	0	3,104	3,104	515	1,787	2,604	4,391
21	0	0	0	0	0	0	1,240	0	0	0	4,252	3,500	7,752	500	1,781	3,328	5,109
22	0	0	0	0	0	0	943	0	0	0	2,152	3,543	5,695	511	1,790	5,482	7,272
23	0	0	0	0	0	0	722	0	0	0	3,733	4,025	7,758	517	1,835	2,528	4,363
24	0	0	0	0	0	0	1,164	0	0	0	3,821	2,543	6,364	551	1,822	2,749	4,571
25	0	0	0	0	0	0	1,551	0	0	0	1,089	2,880	3,969	541	1,782	3,077	4,859
26	454	0	454	0	0	0	1,796	0	0	0	3,881	4,483	8,364	482	1,825	3,356	5,181
27	1,464	0	1,464	0	0	0	1,854	0	0	0	4,893	4,889	9,782	545	3,015	2,195	5,210
28	1,216	0	1,216	0	0	0	1,819	0	0	0	4,969	1,401	6,370	554	3,023	1,376	4,399
29	2,391	0	2,391	0	0	0	1,832	0	0	0	5,012	-71	4,941	544	3,092	3,182	6,274
30	374	0	374	0	0	0	1,958	0	0	0	5,018	2,616	7,634	567	3,142	2,507	5,649

AQUEDUCT CHECK 12	O'NEILL PUMPING		O'NEILL GENERATION		SAN LUIS PUMPING		SAN LUIS GENERATION		PACHECO PUMPING	DOS AMIGOS			
TOTAL	80,901	TOTAL	62,241	TOTAL	16,905	TOTAL	44,444	TOTAL	92,314	TOTAL	14,133	TOTAL	166,928
FEDERAL	0	FEDERAL	62,241			FEDERAL	7,163	FEDERAL	45,249			FEDERAL	70,510
STATE	80,901	STATE	0			STATE	37,281	STATE	47,065			STATE	96,418
												XVC	0

COMMENTS: ALL VALUES IN ACRE-FEET

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

Table 20

APRIL 2001

FEDERAL-STATE OPERATIONS

RUN DATE: May 16, 2001

DAY	TRACY PUMPING			CLIFT COURT TOTAL	DELTA PUMPING PLANT			FED BANKS XVC	STATE DOS AMIGOS BETHANY			AQEDUCT CHECK 21			DMC-POOL DEMANDS
	FED	STATE	TOTAL		STATE	FED	TOTAL		XVC	XVC	TOTAL	STATE	FED	TOTAL	
1	6,539	0	6,539	6,702	6,990	0	6,990	0	0	100	6,495	0	6,495	3,040	
2	6,817	0	6,817	6,327	6,393	0	6,393	0	0	171	4,789	0	4,789	2,834	
3	6,793	0	6,793	6,313	6,402	0	6,402	0	0	126	4,409	0	4,409	2,912	
4	6,779	0	6,779	6,095	5,804	0	5,804	0	0	119	5,440	0	5,440	3,289	
5	6,805	0	6,805	1,966	3,373	0	3,373	0	0	227	4,745	0	4,745	3,602	
6	4,439	0	4,439	2,928	3,301	0	3,301	0	0	143	5,085	0	5,085	2,800	
7	4,688	0	4,688	2,716	2,250	0	2,250	0	0	100	4,328	0	4,328	3,790	
8	6,799	0	6,799	1,967	2,190	0	2,190	0	0	100	6,563	0	6,563	3,188	
9	6,786	0	6,786	1,437	1,213	0	1,213	0	0	116	2,072	0	2,072	2,753	
10	6,773	0	6,773	4,734	4,733	0	4,733	0	0	130	1,983	0	1,983	2,517	
11	6,849	0	6,849	5,537	4,911	0	4,911	0	0	111	1,779	0	1,779	2,499	
12	6,780	0	6,780	4,946	4,960	0	4,960	0	0	114	3,081	0	3,081	2,395	
13	5,837	0	5,837	5,207	5,097	0	5,097	0	0	132	2,704	0	2,704	2,173	
14	5,450	0	5,450	5,924	5,738	0	5,738	0	0	100	2,082	0	2,082	2,310	
15	5,447	0	5,447	5,752	5,633	0	5,633	0	0	76	3,488	0	3,488	2,219	
16	5,459	0	5,459	6,312	4,978	0	4,978	0	0	195	3,088	0	3,088	2,219	
17	5,445	0	5,445	5,330	5,588	0	5,588	0	0	193	1,064	0	1,064	2,236	
18	5,312	0	5,312	3,966	3,766	0	3,766	0	0	200	2,833	0	2,833	2,476	
19	3,576	0	3,576	4,354	5,931	0	5,931	0	0	185	2,344	0	2,344	2,438	
20	1,472	0	1,472	421	813	0	813	0	0	166	1,463	0	1,463	2,940	
21	1,476	0	1,476	1,073	0	0	0	0	0	0	2,456	0	2,456	2,716	
22	1,465	0	1,465	1,314	0	0	0	0	0	175	4,063	0	4,063	2,408	
23	1,464	0	1,464	1,137	0	0	0	0	0	126	2,230	0	2,230	2,186	
24	1,461	0	1,461	1,372	0	0	0	0	0	58	2,659	0	2,659	2,625	
25	1,479	0	1,479	1,469	0	0	0	0	0	68	2,117	0	2,117	3,030	
26	1,472	0	1,472	1,468	1,339	0	1,339	0	0	86	2,696	0	2,696	3,268	
27	1,485	0	1,485	1,370	1,650	0	1,650	0	0	130	2,093	0	2,093	3,339	
28	1,466	0	1,466	1,488	1,616	0	1,616	0	0	23	1,297	0	1,297	3,285	
29	1,475	0	1,475	1,475	3,084	0	3,084	0	0	50	4,310	0	4,310	3,307	
30	1,469	0	1,469	1,486	738	0	738	0	0	80	2,273	0	2,273	3,427	
TOTALS	129,557	0	129,557	102,586	98,491	0	98,491	0	0	3,600	96,029	0	96,029	84,221	

COMMENTS: ALL VALUES IN ACRE-FEET

**Central Valley Project - California
2001**

Monthly Diversions in AF

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Bold numbers are preliminary													
CANALS													
Contra Costa	1208	4316	10100	18978									34602
Delta-Mendota	168298	195460	115795	129562									609115
Actual Fed Dos Amigos	88310	78133	58572	72264									297279
Madera	436	0	0	19807									20243
Friant-Kern	12498	10830	17663	35830									76821
Corning	32	0	296	722									1050
Folsom-South	2247	1327	1521	1404									6499
Sly Park - Camino Conduit	776	926	964	1142									3808
Tehama-Colusa	964	182	4130	17788									23064
CACHUMA PROJECT													
Tecolete Tunnel	1872	1132	1544	2095									6643
KLAMATH PROJECT													
"A" Canal - Upper Klamath	0	0	0	0									0
Klamath Drainage District	18468	1466	0	0									19934
Clear Lake Reservoir	0	0	0	170									170
Gerber Reservoir	0	0	0	330									330
Klamath River to Lost River	0	0	0	0									0
ORLAND PROJECT													
Stony Creek	0	0	477	13112									13589
South Canal	0	0	298	8201									8499
North Canal	0	0	179	4911									5090
SOLANO PROJECT													
Putah South Canal	3354	2733	6167	16767									29021

NA = Not Available at time of printing report

Table 22

U.S. Department of Interior - Bureau of Reclamation
Central Valley Operations Office
Friant-Kern Canal
2001

Monthly Deliveries in AF Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Alpaugh ID	0	0	0	0									0
Arvin-Edison WSD	4734	0	329	829									5892
Atwell Island WD	0	0	0	0									0
Delano-Earlimart ID	676	921	2792	7686									12075
Exeter ID	120	39	110	192									461
City of Fresno	0	0	0	0									0
County of Fresno SA #34	3	1	19	28									51
Fresno ID	12	2	0	26									40
Garfield WD	19	0	80	270									369
Hills Valley ID	1	18	12	20									51
International WD	0	14	5	7									26
Ivanhoe ID	186	0	0	19									205
Kaweah Delta WCD	0	0	0	0									0
Kern County Water Agency	0	0	0	0									0
Kern-Tulare WD	65	82	845	NA									992
Lewis Creek WD	0	0	0	0									0
Lindmore ID	0	0	630	1000									1630
City of Lindsay	0	0	0	0									0
Lindsay-Strathmore ID	258	131	393	568									1350
Lower Tule River ID	827	37	0	0									864
North-Kern WSD	0	0	0	0									0
City of Orange Cove	68	59	81	90									298
Orange Cove ID	238	0	184	375									797
Pixley ID	0	0	0	0									0
Porterville ID	0	0	0	1203									1203
Rag Gulch WD	4	20	311	NA									335
Rosedale Rio Bravo WSD	0	0	0	0									0
Saucelito ID	367	87	1356	1754									3564
Semitropic WSD	0	0	0	0									0
Shafter Wasco ID	1297	3072	2459	4589									11417
Southern San Joaquin MUD	1287	1766	4749	8276									16078
Smallwood Vineyards	0	0	0	26									26
Stone Corral ID	64	0	84	155									303
Strathmore PUD	25	21	28	31									105
Styro Tek, Inc.	0	0	1	1									2
Tea Pot Dome WD	74	0	0	206									280
Terra Bella ID	146	21	255	518									940
Tri-Valley WD	0	0	0	0									0
Tulare ID	1271	1216	0	1266									3753
Total	11742	7507	14723	29135	0	0	0	0	0	0	0	0	63,107

* 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

Monthly Deliveries in AF

2001

Water Users	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MADERA CANAL													
Chowchilla WD	0	0	0	8394									8394
Madera ID	0	0	0	7736									7736
Soquel	0	0	0	0									0
Total	0	0	0	16130	0	0	0	0	0	0	0	0	16,130
MILLERTON LAKE													
County of Madera	2	1	2	3									8
Fresno County # 18	5	4	6	10									25
Gravelly Ford WD	0	0	0	0									0
Total	7	5	8	13	0	0	0	0	0	0	0	0	33

* Data supplied by Fresno Field Division, Contracts Administration Division

**Delta-Mendota Canal
 2001**

Monthly Deliveries in AF

Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Banta Carbona ID	0	0	0	42									42
Broadview WD	2061	1552	532	440									4585
Central California ID (Abv CK 13)	4	0	542	1555									2101
Central California ID (Blw CK 13)	0	916	1447	7301									9664
Centinella WD	0	0	0	36									36
China Island (76.05)	0	0	0	0									0
Del Puerto WD	560	421	2364	6739									10084
Eagle Field WD	0	189	0	0									189
Firebaugh Canal	990	1537	516	150									3193
Frietas Unit (76.05L)	0	0	516	0									516
Mercy Springs WD	31	116	0	283									430
Oro Loma WD	0	103	0	183									286
Panoche WD - Ag	157	360	185	104									806
" " - M&I	2	2	2	3									9
Patterson WD	0	541	0	149									690
Plainview WD	7	69	113	233									422
Salt Slough Unit (76.05L)	0	9	688	0									697
San Luis WD - Ag	263	1124	261	654									2302
" " - M&I	1	1	7	18									27
Tracy, City of	167	0	157	525									849
West Side ID	0	0	0	108									108
Wildren	0	0	0	0									0
W. Stanislaus ID	814	679	1241	3554									6288
F&G - Los Banos Ref. 76.05L	0	540	717	0									1257
Volta Wildlife Mgmt Area	35	0	0	273									308
Grasslands -76.05L	0	0	54	0									54
Grasslands - Volta	34	0	0	936									970
F&S (Volta) Santa Fee Kest.	0	0	0	0									0
F&S - Kesterson 76.05L	0	0	782	0									782
Total DMC Deliveries	5126	8159	10124	23286	0	0	0	0	0	0	0	0	46695
Oneill Pumped	132231	107583	42239	45336									327389
DMC plus Oneill	137357	115742	52363	68622	0	0	0	0	0	0	0	0	374084

* Data supplied by San Luis Delta-Mendota Water Authority

U.S. Department of Interior - Bureau of Reclamation
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**San Luis and Cross Valley Canals
2000**

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	143	129	179	165									616
Broadview WD	0	0	1	1									2
City of Coalinga	242	203	216	298									959
City of Dos Palos	67	62	77	96									302
City of Huron	43	44	62	99									248
Pacheco WD	370	785	531	883									2569
Panoche WD	4162	5913	1703	1519									13297
San Luis WD	318	4569	2759	4199									11845
Westlands WD (Federal)	77806	65176	53013	64983									260978
Phase I - Non-chargeable	0	0	0	10									10
Fish & Game - Lateral 4	1	1	1	1									4
Total	83152	76882	58542	72254	0	0	0	0	0	0	0	0	290830
O'NEILL FOREBAY DELIVERIES													
Oneill Forebay Wildlife	48	52	94	99									293
San Luis WD - Ag	28	332	362	574									1296
" " - M&I	22	24	27	34									107
VA Cemetary	1	1	1	2									5
Total	99	409	484	709	0	0	0	0	0	0	0	0	1701
CROSS VALLEY CANAL													
Arvin Edison WSD	0	0	0	0									0
Kern-Tulare	0	0	0	0									0
Pixley ID	0	0	0	0									0
Rag Gulch	0	0	0	0									0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN FELIPE DIVISION													
Santa Clara	11582	8663	8057	13241									41543
San Benito	1053	249	536	892									2730
Total	12635	8912	8593	14133	0	0	0	0	0	0	0	0	44273

* 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.

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

TEHAMA-COLUSA CANAL

2001

Monthly Deliveries in AF

Water Users	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Colusa County WD	454	193	1375	5618									7640
Cortina WD	6	0	12	95									113
Davis WD	0	0	28	212									240
Dunnigan WD	43	5	59	954									1061
4-M Water District	0	0	32	285									317
Glenn Valley WD	0	0	0	0									0
Glide WD	16	0	1	318									335
Holthouse WD	0	0	0	95									95
Kanawha WD	0	6	291	2140									2437
Kirkwood WD	0	0	0	35									35
La Grande WD	0	0	4	541									545
Myers-Marsh MWC	0	0	0	21									21
Orland-Artois WD	226	17	193	2762									3198
Westside WD	54	0	499	2671									3224
Total	799	221	2494	15747	0	0	0	0	0	0	0	0	19261

Data supplied by Willows Field Division, Water and Lands Division

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

Table 28

Monthly Deliveries in AF

2001

Water Users	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A&F Boeger & Thunder Farms	0	0	0	0									0
Anderson Cottonwood ID	0	0	0	0									0
Andreotti, Arthur, et al	0	0	0	91									91
Baber, Jack	0	0	0	0									0
A&R Farms (Odysseus)	0	0	0	0									0
Windswept Land & Livestock	0	0	0	526									526
Cannel, Fred	0	0	0	26									26
Carter, Jane	0	0	0	23									23
Colusa Prop. Inc	0	0	0	0									0
Colusa IC (King & Dommer)	0	0	0	0									0
Conaway Construction Group	0	0	0	598									598
Davis, Olive P.	0	0	0	2510									2510
Deseret Farms of Calif	0	0	0	78									78
Dommer, Elizabeth	0	0	0	0									0
Fargo & Haggerty	0	0	0	156									156
Forry, David G.	0	0	0	90									90
Furlan Area #1	0	0	0	0									0
Furlan Area #2	0	0	0	0									0
Glenn-Colusa ID	0	0	0	0									0
Griffin, J.	0	0	0	0									0
Henle, John R.	0	0	0	0									0
Hershey Land Co	0	0	0	0									0
Hiatt, Glenn	0	0	0	156									156
Hollins, Mariette	0	0	0	68									68
Howald Farms	0	0	0	38									38
Knaggs, Layton	0	0	0	0									0
Lockett, WilliamP.	0	0	0	40									40
M&T Inc.	0	0	0	467									467
MCM Properties, Inc	0	0	0	0									0
Maxwell ID	0	0	0	357									357
Meridan Farms WC	0	0	0	750									750
Natomas Central MWC	0	0	0	3170									3170
O'Brien, Janice	0	0	0	57									57
Oji Bros. Farms Inc	0	0	0	144									144
Oji, Mitsue Family PTN	0	0	0	282									282
Pelger Mutual WC	0	0	0	397									397
Pleasant-Grove-Verona	0	0	0	477									477
Loma Cold Storage (Premier)	0	0	0	249									249
Princeton,-Codora	0	0	0	6004									6004
Provident Irrigatin	0	0	0	5988									5988
Reclamation Dist #108	0	0	0	8081									8081
Reclamation Dist #1004	0	0	0	2781									2781
Reynen, et al	0	0	0	460									460
River Garden Farms	0	0	0	322									322
Roberts Ditch Irrigation Co	0	0	0	171									171
Sartain Mutual WC	0	0	0	0									0
Siddiqui, J & A	0	0	0	5									5
Spence, Ruth	0	0	0	0									0
Sutter Mutual	0	0	0	13960									13960
Swinford Tract Irrigation Co	0	0	0	0									0
Tarke, James	0	0	0	0									0
Tisdale Irrigation & Drain	0	0	0	249									249
Wallace Construction	0	0	0	149									149
Wells, Joyce	0	0	0	74									74
Wilson Ranch	0	0	0	0									0
Total	0	0	0	48994	0	0	0	0	0	0	0	0	48994

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

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

SACRAMENTO-SAN JOAQUIN VALLEY - STREAMFLOW DATA

Mean Monthly Flow in cfs

2001

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SACRAMENTO RIVER												
Shasta Computed Inflow	5500	10062	10492	7140								
At Keswick	3997	3328	4468	6251								
At Bend Bridge	6912	8223	9597	7545								
At Vina Bridge	7839	10583	12086	7194								
At Ord Ferry	9005	13283	15632	7442								
At Colusa	8068	11914	14020	7551								
Below Wilkins Slough	9068	12195	14024	7368								
At Verona	15056	18700	22301	10658								
Sacramento at "I" Street	17104	19816	24037	12154								
MISCELLANEOUS STATIONS												
Folsom Computed Inflow	1467	2126	2896	2896								
American River at Nimbus Dam	2064	1508	1499	1635								
Kings River at Pine Flat	103	104	353	408								
SAN JOAQUIN RIVER												
At Friant Dam	136	97	89	120								
Near Vernalis	2414	3281	3694	3399								
PUTAH CREEK												
Berryessa Computed Inflow	315	1399	819	121								
Putah Creek - Lake Solano	25	53	63	46								
STANISLAUS RIVER												
New Melones Computed Inflow	471	629	913	1270								
At Tulloch Dam	326	295	604	1955								
At Orange Blossom	507	498	498	896								

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