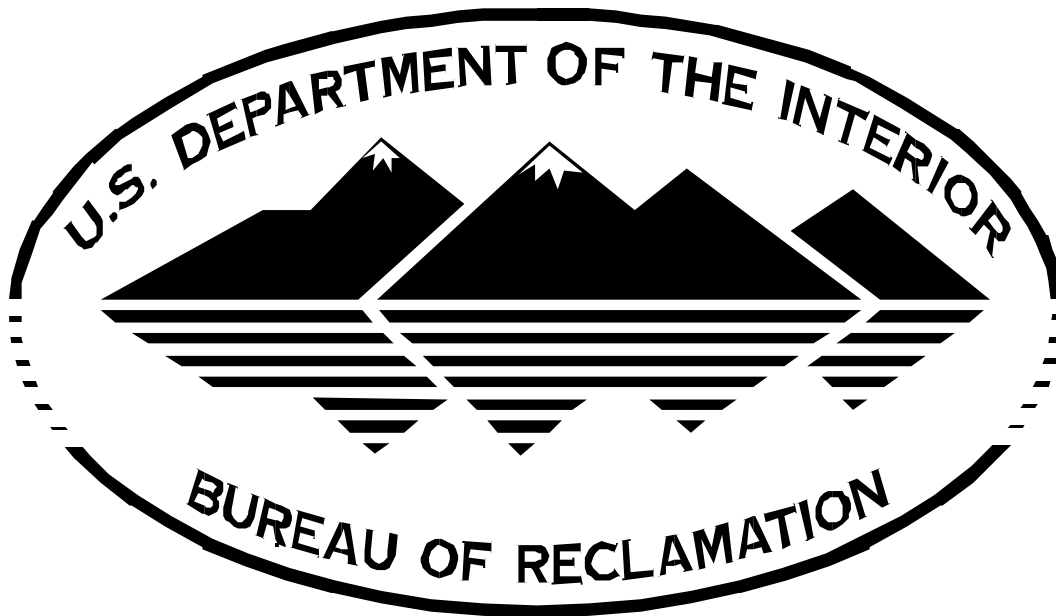


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION**

CENTRAL VALLEY OPERATIONS OFFICE

REPORT OF OPERATIONS



November 2004

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INDEX

	<u>Page Number</u>
Summary of November 2004	1

TABLES

	<u>Table Number</u>
Reservoir Storage Summary	1
Power System Generation Summary	2
Shasta Lake Daily Operations	3
Trinity Lake Daily Operations	4
Whiskeytown Lake Daily Operations	5
Lewiston Lake Daily Operations	6
Spring Creek Debris Dam Daily Operations	7
Keswick Reservoir Daily Operations	8
Red Bluff Diversion Reservoir Daily Operations	9
Black Butte Reservoir Daily Operations	10
Folsom Lake Daily Operations	11
Lake Natoma Daily Operations	12
New Melones Daily Operations	13
Goodwin Reservoir Daily Operations	14
Millerton Lake Daily Operations	15
State-Federal Sacramento-San Joaquin Delta Outflow	16
Consolidated State-Federal San Luis Reservoir Daily Operations	17
Consolidated State-Federal O'Neill Forebay Daily Operations ...	18
Federal-State San Luis Operations	19
Federal-State Operations	20
Monthly Diversions in Acre-Feet, 2004	21
Monthly Deliveries - Friant-Kern Canal, 2004	22
Monthly Deliveries - Madera Canal and Millerton Lake, 2004	23
Monthly Deliveries - San Joaquin River and Mendota Pool, 2004 .	24
Monthly Deliveries - Delta-Mendota Canal, 2004	25
Monthly Deliveries - San Luis and Cross Valley Canal, 2004	26
Monthly Deliveries - Tehama-Colusa Canal, 2004	27
Monthly Deliveries - Sacramento River, 2004	28
Streamflow Data - Sacramento-San Joaquin Valleys, 2004	29

SUMMARY OF NOVEMBER 2004 OPERATIONS

Sacramento had an average monthly temperature of 53.3 °F which was 1.8 °F below normal. The average temperature at Shasta Dam was 54.1 °F which was 1.7 °F above normal and Huntington Lake was 7.2 °F below normal with an average temperature of 33.0 °F.

Trinity System: Storage in Trinity Lake increased 300 acre-feet this month to 1,416,300 acre-feet, which is 58 percent of capacity and 98 percent of the 15 year average for this date. The total inflow for the month was 16,207 acre-feet. The Trinity River release were 300 ft³/s. Whiskeytown Lake was operated between elevations 1201.71 feet and 1208.33 feet with an end-of-month storage of 215,300 acre-feet. The releases to Clear Creek from Whiskeytown Dam ranged between 200 and 400 ft³/s. Total diversion from the Trinity River to the Sacramento River watershed for the month was zero acre-feet.

Shasta-Keswick: Storage in Shasta Lake decreased 34,700 acre-feet for an end-of-month storage of 2,124,200 acre-feet, which is 47 percent of capacity and 84 percent of the 15 year average. The total inflow for the month was 210,834 acre-feet. The release to the Sacramento River at Keswick ranged between 4,000 and 4,300 ft³/s for the month.

Folsom-Nimbus: Storage in Folsom Lake decreased 28,800 acre-feet and had an end-of-month storage of 326,500 acre-feet, which is 33 percent of capacity and 83 percent of the 15 year average for this date. The total inflow for the month was 76,153 acre-feet. The release to the American River at Nimbus were 1,750 ft³/s during the month.

New Melones: Storage in New Melones increased 29,300 acre-feet for an end-of-month storage of 1,164,000 acre-feet or 48 percent of capacity and 95 percent of the 15 year average. The release to the Stanislaus River at Goodwin Dam were 275 ft³/s for the month. The total inflow for the month was 36,427 acre-feet.

Delta-San Luis: Federal storage in San Luis Reservoir on November 30, 2004, was 454,000 acre-feet compared to the storage a year ago of 509,000 acre-feet.

Friant: Storage in Millerton Lake increased 67,677 acre-feet for an end-of-the month storage of 276,100 acre-feet. The total monthly inflow was 76,313 acre-feet. The release to the San Joaquin River at Friant varied between 121 and 151 ft³/s.

CVP Totals: The total diversions to CVP canals were 262,321 acre-feet. The November 30, 2004, storage in the 18 CVP reservoirs was 5,484,000 acre-feet compared to storage 1 year ago of 7,075,000 acre-feet.

Power: Gross power production for the CVP totaled 143,693 megawatt-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	11/30/04	11/30/03	WATERSHED	RESERVOIR	TOTAL CAPACITY	11/30/04	11/30/03
KLAMATH	CLEAR LAKE *	526,800	70,300	7,280	AMERICAN	FOLSOM LAKE *CVP	976,960	326,480	498,990
	GERBER *	94,300	9,160	13,800		LAKE NATOMA *CVP	9,030	8,120	8,200
	UPR KLAMATH LK *	873,300	230,570	172,820	COSUMNES				
TRINITY	TRINITY LAKE *CVP	2,447,700	1,416,330	1,700,560	MOKELUMNE	CAMANCHE	431,500	243,550	282,310
	LEWISTON LAKE *CVP	14,660	13,940	14,040		PARDEE	210,000	170,170	167,700
	WHISKEYTOWN *CVP	241,100	215,260	206,540	SALT SPRINGS	140,000	41,270	48,500	
MCCLOUD	MCCLOUD DIV. RES	35,230	19,170	26,260	CALAVERAS	NEW HOGAN	317,100	80,210	98,890
PIT	IRON CANYON	24,240	11,320	16,780		NEW MELONES *CVP	2,420,000	1,163,960	1,275,710
	LAKE BRITTON	40,620	36,030	35,330		BEARDSLEY	97,800	45,150	71,290
	PIT NO. 6	15,890	14,330	14,280	STANISLAUS	DONNELLS	64,320	12,110	23,670
	PIT NO. 7	34,610	30,970	33,030	TULLOCH	67,000	42,900	54,550	
SACRAMENTO	SHASTA LAKE *CVP	4,552,000	2,124,250	3,090,200	TUOLUMNE	LAKE ELEANOR	26,100	23,540	19,780
	SPRING CREEK *CVP	5,900	1,060	1,190		LAKE LLOYD	268,000	256,860	208,750
	KESWICK *CVP	23,800	21,560	22,130		HETCH-HETCHY	360,400	241,790	236,370
	RED BLUFF DIV *CVP	3,920	290	310	NEW DON PEDRO	2,030,000	1,325,210	144,060	
FEATHER	OROVILLE	3,538,000	1,604,000	2,072,280	TURLOCK LAKE	49,000	4,310	18,180	
	THERMALITO DIV RES	13,500	12,780	12,910	MERCED	EXCHEQUER	1,024,600	268,380	381,400
	THERMALITO FORE.	14,400	10,640	10,730	CHOWCHILLA	BUCHANAN	150,000	12,070	17,090
	THERMALITO AFTER.	57,000	35,660	29,000	CRANE VALLEY	45,400	20,350	21,910	
STONY CREEK	LAKE ALMANOR	1,143,000	781,380	792,270	LAKE T.A. EDISON	125,000	63,390	51,230	
	EAST PARK *	50,900	41,590	42,230	FLORENCE LAKE	64,600	21,340	1,080	
	STONY GORGE *	50,000	33,760	33,930	SAN JOAQUIN	MAMMOTH POOL	122,700	22,900	15,730
PUTAH CREEK	BLACK BUTTE *CVP	143,700	27,410	32,840	HUNTINGTON LAKE	89,800	53,620	42,690	
	LAKE BERRYESSA *	1,602,300	1,355,870	1,405,400	REDINGER LAKE	35,000	24,610	25,190	
	LAKE SOLANO *	720	560	630	SHAVER LAKE	135,400	100,720	125,110	
YUBA	BULLARDS BAR	930,000	442,290	583,440	MILLERTON LK *CVP	520,500	276,080	218,420	
	SO. YUBA SYSTEM	146,000		NR	FRESNO	HIDDEN	90,000	6,680	9,690
BEAR	NARROWS	70,000	63,790	63,700	SAN LUIS **CVP	2,040,600	1,057,650	1,122,520	
LITTLE TRUCKEE	ROLLINS	65,990	53,260	57,410	O'NEILL FORE. **CVP	56,400	51,820	42,740	
	STAMPEDE *	226,620	104,300	137,000	SAN LUIS	L BANOS RES **CVP	34,560	690	18,900
PROSSER	BOCA *	41,140	5,090	4,600	LT PANOCHE **CVP	5,580	18,500	660	
	PROSSER CREEK *	29,840	4,980	9,700	OIL CANYON	CONTRA LOMA *CVP	2,100	1,920	1,620
TRUCKEE	LAKE TAHOE *	732,000	0	0	KINGS	WISHON	128,300	43,640	45,250
	RYE PATCH *	190,000		10,800	PINE FLAT	1,001,500	160,960	170,880	
HUMBOLDT					KAWEAH	TERMINUS	143,000	13,750	9,590
CARSON	LAHONTAN *	317,280		90,700	TULE	SUCCESS	82,300	7,740	6,130
	TWIN LAKES	21,600	13,270	13,750	KERN	ISABELLA	588,100	94,160	149,000
	FRENCH MEADOWS	136,400	57,410	67,390	CUYAMA	TWITCHHELL *	240,100	NR	NR
AMERICAN	HELL HOLE	207,590	92,940	127,470	SANTA YNEZ	LAKE CACHUMA *	190,500	68,110	109,340
	LOON LAKE	76,500	38,030	33,740	COYOTE	LAKE CASITAS *	254,000	158,400	159,440
	ICE HOUSE	46,000	26,400	28,930	TOTAL - 85 RESERVOIRS	33,715,700	15,723,370	17,100,030	
	UNION VALLEY	277,300	157,370	166,630	TOTAL - 33 RESERVOIRS	18,918,310	8,808,010	10,453,240	
	SLAB CREEK	16,600	12,940	15,440	TOTAL - 17 RESERVOIRS	13,498,510	6,725,320	8,255,570	

** - Joint State-Federal Reservoir

* - USBR Reservoir

CVP - Central Valley Project

NR - Not Reported

Plant Generation and Energy Summary for 2004

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<u>Generation in mwh</u>													
Shasta													
Gross	153192	176196	160527	147205	232161	304210	305983	211171	146349	93061	86057		2,016,112
Net	152819	175892	160284	146978	231965	304114	305870	211064	146226	92794	85760		2,013,766
Keswick													
Gross	31989	28332	33660	36196	43356	58792	62301	48597	38459	32098	20456		434,236
Net	31823	28175	33508	36055	43228	58658	62155	48453	38323	31963	20320		432,661
Trinity													
Gross	12275	20844	65907	61330	81715	91109	76545	47086	52829	65282	4912		579,834
Net	12158	20653	65722	61200	81582	90972	76410	46977	52713	65157	4862		578,406
JF Carr													
Gross	9621	1156	81168	71768	12910	51828	70425	48009	51328	82918	0		481,131
Net	9423	1043	81001	71674	12786	51744	70326	47922	51227	82809	-44		479,911
Spring Creek PP													
Gross	25688	53671	100745	64973	9986	45554	68625	46215	48567	84021	4201		552,246
Net	25540	53507	100563	64818	9932	45460	68510	46120	48474	83900	4156		550,980
Folsom													
Gross	41676	50171	58148	70356	36205	37541	50460	27921	21244	20072	22593		436,387
Net	41425	49965	57994	70206	36027	37352	50262	27714	21058	19885	22402		434,290
Nimbus													
Gross	5377	5956	5601	3056	4546	4677	6606	3864	3049	2863	3179		48,774
Net	5333	5912	5566	3044	4534	4649	6593	3851	3036	2848	3164		48,530
New Melones													
Gross	4519	5400	21073	49357	62741	55011	54224	42426	26007	9152	2295		332,205
Net	4395	5267	20939	49217	62582	54853	54079	42295	25901	9054	2207		330,789
O'Neill													
Gross	0	0	0	1518	3842	690	45	0	0	0	0		6,095
Net	0	0	0	1484	3780	672	28	0	0	0	0		5,964
Fed San Luis													
Out Meter	0	0	4400	32868	65487	46434	23024	3870	0	0	0		176,083
Gross Generation													
	284,337	341,726	531,229	538,627	552,949	695,846	718,238	479,159	387,832	389,467	143,693	0	5,063,103
Net Generation													
	282,916	340,414	529,977	537,544	551,903	694,908	717,257	478,266	386,958	388,410	142,827	0	5,051,380
Stampede (Gross)													
		610	1,477	2,212	2,436	1,654	1,892	470	173	570	286		11,780
Stampede (Net)													
		580	1,450	2,189	2,415	1,637	1,885	447	162	550	269		11,584
<u>Energy in mwh</u>													
Tracy													
Tot Energy	62189	52737	59099	26606	13243	49370	62290	63177	60508	62814	59848		571,881
Fed Off-Pk	29510	25380	26873	12940	7526	22389	29769	30024	29018	29908	27401		270,738
O'Neill													
Tot Energy	12789	7619	8609	3092	92	1126	1081	4055	7452	8609	12307		66,831
Fed Off-Pk	6149	3696	3992	1547	92	562	573	1948	3662	4126	5673		32,020
San Luis													
Fed Energy	57385	27613	35391	3987	0	0	72	4812	20607	32112	57332		239,311
Fed Off-Pk	53155	27493	33555	3927	0	0	72	4722	19986	30674	57332		230,916
Dos Amigos													
Fed Energy	7884	10104	10795	16285	21801	31920	25722	15205	6168	5121	0		151,005
Fed Off-Pk	5739	7038	7920	10135	13401	17430	15132	9596	5538	4848	0		96,777
Banks - Fed													
Fed Energy	0	0	0	0	0	0	9135	9969	921	3144	0		23,169
Fed Off-Pk	0	3696	0	0	0	0	885	2035	267	3144	0		10,027
Total Energy													
	140,247	98,073	113,894	49,970	35,136	82,416	98,300	97,218	95,656	111,800	129,487	0	1,052,197
Total Fed Off-Pk													
	94,553	67,303	72,340	28,549	21,019	40,381	46,431	48,325	58,471	72,700	90,406	0	640,478

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

NOVEMBER 2004

SHASTA LAKE DAILY OPERATIONS

RUN DATE: January 13, 2005

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION C.F.S.	PRECIP INCHES	
		1000 ACRE-Feet IN LAKE	CHANGE		POWER	RIVER SPILL	OUTLET			
		2,158.9								
1	966.18	2,156.4	-2.5	4,161	5,396	0	0	42	.08	.00
2	966.36	2,159.6	+3.3	6,453	4,722	0	0	90	.17	.00
3	966.10	2,154.9	-4.7	2,512	4,867	0	0	16	.03	.17
4	965.95	2,152.2	-2.7	3,296	4,581	0	0	80	.15	.00
5	965.80	2,149.5	-2.7	3,970	5,239	0	0	90	.17	.00
6	965.77	2,149.0	-0.5	4,164	4,388	0	0	48	.09	.00
7	965.65	2,146.8	-2.2	3,485	4,508	0	0	64	.12	.00
8	965.36	2,141.6	-5.2	2,103	4,678	0	0	53	.10	.00
9	965.06	2,136.2	-5.4	2,484	5,161	0	0	42	.08	.00
10	964.94	2,134.1	-2.2	3,290	4,358	0	0	16	.03	.31
11	964.94	2,134.1	+0.0	4,035	4,024	0	0	11	.02	.52
12	964.90	2,133.4	-0.7	3,845	4,194	0	0	11	.02	.00
13	965.01	2,135.3	+2.0	4,046	3,054	0	0	0	.00	.00
14	965.03	2,135.7	+0.4	4,185	3,951	0	0	53	.10	.00
15	965.05	2,136.0	+0.4	4,411	4,188	0	0	42	.08	.00
16	965.03	2,135.7	-0.4	3,969	4,145	0	0	5	.01	.01
17	964.98	2,134.8	-0.9	3,286	3,696	0	0	42	.08	.00
18	964.90	2,133.4	-1.4	2,969	3,632	0	0	58	.11	.00
19	964.86	2,132.6	-0.7	2,987	3,331	0	0	16	.03	.00
20	964.72	2,130.1	-2.5	2,803	3,985	0	0	79	.15	.00
21	964.65	2,128.9	-1.3	2,983	3,535	0	0	79	.15	.00
22	964.56	2,127.3	-1.6	2,753	3,501	0	0	63	.12	.00
23	964.50	2,126.2	-1.1	3,129	3,611	0	0	58	.11	.00
24	964.44	2,125.1	-1.1	3,087	3,601	0	0	26	.05	.00
25	964.43	2,125.0	-0.2	3,238	3,317	0	0	11	.02	.01
26	964.43	2,125.0	+0.0	3,706	3,706	0	0	0	.00	.35
27	964.47	2,125.7	+0.7	4,465	4,079	0	0	26	.05	.47
28	964.45	2,125.3	-0.4	3,702	3,850	0	0	32	.06	.00
29	964.40	2,124.4	-0.9	3,314	3,727	0	0	37	.07	.00
30	964.39	2,124.2	-0.2	3,430	3,488	0	0	32	.06	.00
TOTALS			-34.7	106,261	122,513	0	0	1,222	2.31	1.84
ACRE-Feet			-34,700	210,769	243,005	0	0	2,424		

COMMENTS:

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

SUMMARY

POWER	RELEASE (ACRE-Feet)	PRECIPITATION
SPILL	243,005	THIS MONTH = 1.84
	0	JULY 1, 2004 TO DATE = 9.95
	TOTAL 243,005	

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

NOVEMBER 2004

TRINITY LAKE DAILY OPERATIONS

RUN DATE: January 13, 2005

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)	
		1,415.9								
1	2,296.00	1,415.4	-0.5	98	308	0	0	24	.07	.00
2	2,295.98	1,415.2	-0.2	204	300	0	0	20	.06	.00
3	2,295.97	1,415.1	-0.1	132	180	0	0	10	.03	.15
4	2,295.97	1,415.1	+0.0	224	197	0	0	27	.08	.00
5	2,295.97	1,415.1	+0.0	246	222	0	0	24	.07	.00
6	2,295.97	1,415.1	+0.0	321	307	0	0	14	.04	.00
7	2,295.97	1,415.1	+0.0	325	308	0	0	17	.05	.00
8	2,295.97	1,415.1	+0.0	295	285	0	0	10	.03	.00
9	2,295.97	1,415.1	+0.0	38	14	0	0	24	.07	.02
10	2,295.97	1,415.1	+0.0	417	410	0	0	7	.02	.20
11	2,295.97	1,415.1	+0.0	226	223	0	0	3	.01	.07
12	2,295.97	1,415.1	+0.0	211	191	0	0	20	.06	.01
13	2,295.98	1,415.2	+0.1	377	305	0	0	14	.04	.02
14	2,295.98	1,415.2	+0.0	281	271	0	0	10	.03	.00
15	2,295.99	1,415.3	+0.1	338	263	0	0	17	.05	.00
16	2,296.00	1,415.4	+0.1	339	274	0	0	7	.02	.13
17	2,296.01	1,415.5	+0.1	262	204	0	0	0	.00	.00
18	2,296.02	1,415.6	+0.1	369	294	0	0	17	.05	.01
19	2,296.02	1,415.6	+0.0	292	275	0	0	17	.05	.00
20	2,296.02	1,415.6	+0.0	264	247	0	0	17	.05	.00
21	2,296.03	1,415.8	+0.1	295	237	0	0	0	.00	.00
22	2,296.03	1,415.8	+0.0	359	322	0	0	37	.11	.00
23	2,296.04	1,415.9	+0.1	308	240	0	0	10	.03	.00
24	2,296.04	1,415.9	+0.0	277	270	0	0	7	.02	.00
25	2,296.05	1,416.0	+0.1	277	219	0	0	0	.00	.06
26	2,296.05	1,416.0	+0.0	240	240	0	0	0	.00	.31
27	2,296.06	1,416.1	+0.1	322	254	0	0	10	.03	.38
28	2,296.06	1,416.1	+0.0	153	153	0	0	0	.00	.02
29	2,296.07	1,416.2	+0.1	303	214	0	0	31	.09	.00
30	2,296.08	1,416.3	+0.1	350	292	0	0	0	.00	.00
TOTALS			+0.3	8,143	7,519	0	0	394	1.16	1.38
ACRE-FEET			+300	16,152	14,914	0	0	781		

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	14,914	OUTLET	0
SPILL	0	TOTAL	14,914
		THIS MONTH =	1.38
		JULY 1, 2004 TO DATE =	4.93

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

NOVEMBER 2004

WHISKEYTOWN LAKE DAILY OPERATIONS

RUN DATE: January 13, 2005

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 CLEAR CR — (1) OUTLETS	SPILL	TO SPRING CR. PP	EVAP. C.F.S. INCHES	PRECIP INCHES		
		237.2										
1	1,208.33	235.8	-1.5	-31	0	-31	200	0	501	5	.05	.00
2	1,207.88	234.3	-1.4	-26	0	-26	200	0	491	3	.03	.00
3	1,207.33	232.6	-1.7	-22	0	-22	400	0	453	0	.00	.12
4	1,207.03	231.7	-0.9	-41	0	-41	349	0	78	9	.10	.00
5	1,206.79	230.9	-0.8	34	0	34	200	0	177	37	.40	.00
6	1,206.52	230.1	-0.8	-39	0	-39	200	0	182	5	.05	.00
7	1,206.36	229.6	-0.5	-31	0	-31	200	0	14	8	.09	.00
8	1,206.17	229.0	-0.6	3	0	3	200	0	93	10	.11	.00
9	1,205.91	228.2	-0.8	-37	0	-37	200	0	172	0	.00	.00
10	1,205.75	227.7	-0.5	123	0	123	200	0	174	0	.00	.30
11	1,205.58	227.1	-0.5	100	0	100	200	0	166	0	.00	.40
12	1,205.34	226.4	-0.7	-1	0	-1	200	0	175	0	.00	.00
13	1,204.48	223.7	-2.7	32	0	32	200	0	1,174	0	.00	.03
14	1,204.22	222.9	-0.8	11	0	11	200	0	199	16	.18	.00
15	1,203.99	222.2	-0.7	-17	0	-17	200	0	138	3	.03	.00
16	1,203.85	221.8	-0.4	-2	0	-2	200	0	14	0	.00	.08
17	1,203.70	221.3	-0.5	-15	0	-15	200	0	14	3	.03	.02
18	1,203.54	220.8	-0.5	-30	0	-30	200	0	14	3	.03	.00
19	1,203.37	220.3	-0.5	-45	0	-45	200	0	14	4	.04	.00
20	1,203.22	219.8	-0.5	-17	0	-17	200	0	14	0	.00	.00
21	1,203.06	219.4	-0.5	-26	0	-26	200	0	14	7	.08	.00
22	1,202.88	218.8	-0.5	-54	0	-54	200	0	14	9	.10	.00
23	1,202.73	218.4	-0.5	-14	0	-14	200	0	14	2	.02	.00
24	1,202.57	217.9	-0.5	-28	0	-28	200	0	14	3	.03	.00
25	1,202.45	217.5	-0.4	30	0	30	200	0	14	0	.00	.00
26	1,202.31	217.1	-0.4	-1	0	-1	200	0	14	0	.00	.38
27	1,202.18	216.7	-0.4	15	0	15	200	0	14	0	.00	.45
28	1,202.03	216.2	-0.5	-12	0	-12	200	0	14	4	.04	.00
29	1,201.86	215.7	-0.5	-41	0	-41	200	0	14	4	.04	.00
30	1,201.71	215.3	-0.5	-12	0	-12	200	0	14	2	.02	.00
TOTALS			-22.0	-194	0	-194	6,349	0	4,397	137	1.47	1.78
ACRE-FEET			-22.0	-385	0	-385	12,593	0	8,721	272		

* 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	8,721	OUTLET	12,593	THIS MONTH	1.78
SPILL	0	TOTAL	21,314	JULY 1, 2004 TO DATE	9.02

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

Table 6

NOVEMBER 2004

LEWISTON LAKE DAILY OPERATIONS

RUN DATE: December 16, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			JUDGE FRANCIS CARR POWERPLANT	EVAPORATION (2)	
		IN LAKE	CHANGE		POWER	RIVER OUTLETS (1)	SPILL		C.F.S.	INCHES
		14,128								
1	1,901.45	14,248	+120	362	0	55	245	0	2	.07
2	1,901.55	14,322	+74	338	0	55	245	0	1	.06
3	1,901.37	14,188	-134	233	0	55	245	0	1	.03
4	1,901.22	14,076	-112	246	0	55	245	0	2	.08
5	1,901.14	14,016	-60	272	0	55	245	0	2	.07
6	1,901.28	14,120	+104	353	0	55	245	0	1	.04
7	1,901.41	14,218	+98	350	0	55	245	0	1	.05
8	1,901.48	14,270	+52	327	0	55	245	0	1	.03
9	1,900.86	13,808	-462	69	0	55	245	0	2	.07
10	1,901.30	14,135	+327	465	0	55	245	0	0	.02
11	1,901.22	14,076	-59	270	0	55	245	0	0	.01
12	1,901.04	13,941	-135	233	0	55	245	0	1	.06
13	1,901.20	14,061	+120	361	0	55	245	0	1	.04
14	1,901.23	14,083	+22	312	0	55	245	0	1	.03
15	1,901.28	14,120	+37	320	0	55	245	0	1	.05
16	1,901.29	14,128	+8	304	0	55	245	0	0	.02
17	1,901.15	14,023	-105	247	0	55	245	0	0	.00
18	1,901.27	14,113	+90	346	0	55	245	0	1	.05
19	1,901.30	14,135	+22	312	0	55	245	0	1	.05
20	1,901.26	14,105	-30	286	0	55	245	0	1	.04
21	1,901.21	14,068	-37	281	0	55	245	0	0	.00
22	1,901.40	14,210	+142	374	0	55	245	0	2	.11
23	1,901.36	14,180	-30	286	0	55	245	0	1	.03
24	1,901.38	14,195	+15	308	0	55	245	0	0	.02
25	1,901.32	14,150	-45	277	0	55	245	0	0	.02
26	1,901.31	14,143	-7	296	0	55	245	0	0	.00
27	1,901.32	14,150	+7	306	0	55	245	0	2	.10
28	1,901.05	13,948	-202	198	0	55	245	0	0	.00
29	1,900.95	13,874	-74	265	0	55	245	0	2	.09
30	1,901.04	13,941	+67	334	0	55	245	0	0	.00
TOTALS			-187	8,931	0	1,650	7,350	0	27	1.24
ACRE-FEET			-187	17,715	0	3,273	14,579	0	54	

* 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	0	JUDGE FRANCIS CARR POWERPLANT	0
TOTAL RIVER	17,852	TOTAL RELEASE	17,852

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

Table 7

NOVEMBER 2004

SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS

RUN DATE: December 16, 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	
		831								
1	709.33	842	+11	7	0	1	0950	.31	1.14	.001
2	709.56	849	+7	5	0	1				
3	709.94	859	+10	6	0	1				
4	710.19	867	+8	5	0	1				
5	710.44	874	+7	4	0	0				
6	710.67	881	+7	4	0	0				
7	710.87	887	+6	4	0	1				
8	711.04	892	+5	3	0	0	0940	.28	1.00	.001
9	711.33	901	+9	5	0	0				
10	711.85	917	+16	8	0	0				
11	712.57	938	+21	11	0	0				
12	713.03	952	+14	7	0	0				
13	713.36	963	+11	6	0	0				
14	713.56	969	+6	3	0	0				
15	713.84	978	+9	5	0	0	0935	.28	.99	.001
16	714.02	984	+6	4	0	1				
17	714.21	990	+6	4	0	1				
18	714.39	995	+5	3	0	0				
19	714.53	1,000	+5	3	0	0				
20	714.70	1,005	+5	3	0	0				
21	714.85	1,010	+5	3	0	0				
22	714.98	1,014	+4	2	0	0	0920	.28	.99	.001
23	715.08	1,018	+4	2	0	0				
24	715.32	1,026	+8	4	0	0				
25	715.51	1,032	+6	3	0	0				
26	715.70	1,038	+6	3	0	0				
27	716.02	1,049	+11	6	0	0				
28	716.20	1,055	+6	3	0	0				
29	716.36	1,060	+5	4	0	1	1005	.27	.97	.001
30	716.50	1,065	+5	3	0	0				
TOTALS			+234	133	0	8				
ACRE-FEET			+234	264	0	16				

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)

SPILL	0
OUTLET	16
TOTAL	16

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

NOVEMBER 2004

KESWICK RESERVOIR DAILY OPERATIONS

RUN DATE: February 28, 2005

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)
		22,087								
1	585.61	22,890	+803	6,347	501	5,396	5,941	0	0	1
2	584.57	22,242	-648	5,423	491	4,722	5,747	0	0	3
3	584.55	22,229	-13	5,521	453	4,867	5,527	0	0	1
4	582.79	21,158	-1,071	4,938	78	4,581	5,475	0	0	3
5	584.26	22,050	+892	5,792	177	5,239	5,339	0	0	3
6	583.59	21,641	-409	4,935	182	4,388	5,139	0	0	2
7	583.02	21,295	-346	4,943	14	4,508	5,115	0	0	2
8	582.70	21,104	-191	5,028	93	4,678	5,122	0	0	2
9	584.61	22,266	+1,162	5,521	172	5,161	4,934	0	0	1
10	584.41	22,143	-123	4,654	174	4,358	4,715	0	0	1
11	583.44	21,550	-593	4,200	166	4,024	4,499	0	0	0
12	583.20	21,404	-146	4,366	175	4,194	4,440	0	0	0
13	582.83	21,182	-222	4,091	1,174	3,054	4,203	0	0	0
14	582.92	21,235	+53	4,062	199	3,951	4,033	0	0	2
15	584.57	22,242	+1,007	4,461	138	4,188	3,952	0	0	1
16	585.55	22,852	+610	4,224	14	4,145	3,916	0	0	0
17	585.75	22,978	+126	3,976	14	3,696	3,911	0	0	1
18	585.07	22,551	-427	3,760	14	3,632	3,973	0	0	2
19	583.90	21,829	-722	3,555	14	3,331	3,918	0	0	1
20	585.14	22,595	+766	4,309	14	3,985	3,920	0	0	3
21	584.96	22,482	-113	3,870	14	3,535	3,924	0	0	3
22	584.73	22,340	-142	3,841	14	3,501	3,911	0	0	2
23	584.86	22,421	+81	3,952	14	3,611	3,909	0	0	2
24	584.86	22,421	+0	3,911	14	3,601	3,910	0	0	1
25	583.83	21,787	-634	3,595	14	3,317	3,915	0	0	0
26	584.07	21,933	+146	4,002	14	3,706	3,928	0	0	0
27	584.77	22,365	+432	4,417	14	4,079	4,198	0	0	1
28	584.47	22,180	-185	4,126	14	3,850	4,218	0	0	1
29	584.26	22,050	-130	4,131	14	3,727	4,196	0	0	1
30	583.46	21,562	-488	3,954	14	3,488	4,199	0	0	1
TOTALS			-525	133,905	4,397	122,513	134,127	0	0	41
ACRE-FEET			-525	265,601	8,721	243,005	266,041	0	0	81

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

SUMMARY
RELEASE (ACRE-FEET)

POWER	266,041
SPILL	0
FISH TRAP	0

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

Table 9

NOVEMBER 2004

RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS

RUN DATE: December 16, 2004

DAY	ELEVATION	STORAGE		RELEASE C.F.S		RELEASE TO SACTO RIVER
		IN LAKE	ACRE-FEET CHANGE	CORNING CANAL	TEHAMA COLUSA CANAL	
		319				
1	238.67	316	-3	0	0	6,380
2	238.68	317	+1	0	0	6,383
3	238.65	314	-3	0	0	6,304
4	238.63	312	-2	0	0	6,642
5	238.67	316	+4	0	0	6,391
6	238.65	314	-2	0	0	6,245
7	238.63	312	-2	0	0	6,072
8	238.06	254	-58	0	0	5,443
9	238.61	310	+56	0	0	5,865
10	238.57	306	-4	0	0	5,821
11	238.56	305	-1	0	0	5,882
12	238.55	304	-1	0	0	5,734
13	238.76	326	+22	0	0	6,549
14	238.60	309	-17	0	0	5,733
15	238.50	299	-10	0	0	5,248
16	238.40	289	-10	0	0	4,976
17	238.38	287	-2	0	0	4,842
18	238.30	279	-8	29	0	4,725
19	238.35	284	+5	36	0	4,964
20	238.36	285	+1	33	0	4,986
21	238.35	284	-1	0	0	4,992
22	238.34	283	-1	0	0	4,981
23	238.36	285	+2	0	0	4,987
24	238.30	279	-6	0	0	4,632
25	238.27	276	-3	0	0	4,568
26	238.30	279	+3	0	0	4,739
27	238.33	282	+3	0	0	4,822
28	238.46	295	+13	0	0	5,301
29	238.46	295	+0	0	0	5,163
30	238.44	293	-2	0	0	5,168
TOTALS			-26	98	0	164,538
ACRE-FEET			-26	194	0	326,361

SUMMARY

RELEASE (ACRE-FEET)

CORNING CANAL	194
TEHAMA-COLUSA CANAL	0
TO SACTO RIVER	326,361
TOTAL	326,555

DAILY OPERATION OF BLACK BUTTE RESERVOIR, STONY CREEK, CALIFORNIA

NOVEMBER 2004

Date	Midnight Elev (ft)	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)
					Total (sfd)	River (sfd)	[1] (sfd)	[2] (sfd)					
1	437.02	26602	16	51	34	34	0	0	18	0.14	0	73653	45900
2	437.03	26618	16	45	34	34	0	0	6	0.05	0.13	73673	44400
3	437	26571	-47	21	34	34	0	0	21	0.17	0.02	73679	43000
4	437.05	26649	78	75	34	34	0	0	3	0.02	0	73685	41300
5	437.05	26649	0	44	34	34	0	0	19	0.15	0	73669	39800
6	437.06	26665	16	51	34	34	0	0	18	0.14	0	73685	38300
7	437.08	26696	31	58	34	34	0	0	16	0.13	0	73669	36800
8	436.9	26415	-281	19	159	159	0	0	4	0.03	0	73679	35400
9	436.74	26167	-248	31	153	153	0	0	7	0.06	0.4	73785	33800
10	436.73	26151	-16	78	86	86	0	0	0	0	0.57	73941	32600
11	436.82	26291	140	102	31	31	0	0	0	0	0.04	74380	32100
12	436.91	26430	139	103	30	30	0	0	6	0.05	0.04	74734	31800
13	436.99	26555	125	102	30	30	0	0	18	0.14	0.01	74885	31600
14	437.05	26649	94	84	30	30	0	0	13	0.1	0	74983	31500
15	437.11	26744	95	81	31	31	0	0	4	0.03	0	75056	31400
16	437.15	26807	63	67	32	32	0	0	6	0.05	0	75087	31400
17	437.18	26854	47	59	31	31	0	0	8	0.06	0	75135	31400
18	437.21	26902	48	57	30	30	0	0	6	0.05	0	75166	31400
19	437.21	26902	0	44	29	29	0	0	30	0.24	0	75149	31400
20	437.21	26902	0	45	29	29	0	0	32	0.25	0	75117	31400
21	437.21	26902	0	43	29	29	0	0	27	0.21	0	75070	31400
22	437.24	26949	47	58	29	29	0	0	11	0.09	0	75086	31300
23	437.25	26965	16	45	30	30	0	0	13	0.1	0	75080	31300
24	437.28	27013	48	57	30	30	0	0	5	0.04	0	75080	31300
25	437.32	27077	64	62	30	30	0	0	0	0	0.17	75096	31400
26	437.35	27125	48	53	29	29	0	0	0	0	0.66	75270	31300
27	437.43	27253	128	106	30	30	0	0	22	0.17	0	75338	31200
28	437.45	27285	32	58	30	30	0	0	24	0.19	0	75359	31200
29	437.5	27366	81	73	30	30	0	0	4	0.03	0	75359	31200
30	437.53	27414	48	59	30	30	0	0	10	0.08	0	75379	31100
Totals	(sfd)			1831	1236	1236	0	0					
Totals	(ac-ft)		828	3632	2451.6	2451.6			351				
Totals	(inches)									2.77	2.04		

[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

NOVEMBER 2004

FOLSOM LAKE DAILY OPERATIONS

RUN DATE: December 16, 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	
		355.4									
1	396.09	354.0	-1.4	1,125	1,649	0	0	168	17	.08	.00
2	395.79	352.1	-1.9	731	1,516	0	0	163	11	.05	.00
3	395.53	350.5	-1.6	966	1,611	0	0	162	21	.10	.00
4	395.31	349.1	-1.4	987	1,515	0	0	162	11	.05	.79
5	395.06	347.5	-1.6	839	1,472	0	0	160	4	.02	.03
6	394.82	346.0	-1.5	833	1,438	0	0	136	17	.08	.00
7	394.48	343.9	-2.1	536	1,475	0	0	113	19	.09	.00
8	394.09	341.4	-2.4	513	1,613	0	0	112	17	.08	.00
9	393.91	340.3	-1.1	1,110	1,558	0	0	98	17	.08	.00
10	393.78	339.5	-0.8	1,297	1,595	0	0	99	8	.04	.00
11	393.91	340.3	+0.8	1,874	1,365	0	0	96	8	.04	.37
12	394.03	341.0	+0.7	1,870	1,399	0	0	93	4	.02	.56
13	394.07	341.3	+0.3	1,653	1,430	0	0	87	10	.05	.00
14	394.01	340.9	-0.4	1,471	1,545	0	0	105	10	.05	.00
15	393.91	340.3	-0.6	1,356	1,550	0	0	109	8	.04	.00
16	393.81	339.7	-0.6	1,338	1,542	0	0	96	12	.06	.00
17	393.49	337.7	-2.0	1,176	2,064	0	0	96	12	.06	.00
18	393.25	336.2	-1.5	1,213	1,855	0	0	95	10	.05	.00
19	393.09	335.2	-1.0	1,336	1,732	0	0	96	6	.03	.00
20	392.86	333.8	-1.4	1,190	1,794	0	0	98	8	.04	.00
21	392.63	332.4	-1.4	1,166	1,741	0	0	105	27	.13	.00
22	392.48	331.5	-0.9	1,441	1,775	0	0	105	22	.11	.00
23	392.28	330.3	-1.2	1,332	1,834	0	0	105	8	.04	.00
24	392.05	328.9	-1.4	1,259	1,841	0	0	105	20	.10	.00
25	391.86	327.7	-1.1	1,290	1,755	0	0	104	10	.05	.00
26	391.64	326.4	-1.3	1,175	1,731	0	0	104	8	.04	.00
27	391.78	327.3	+0.8	2,327	1,799	0	0	99	4	.02	.00
28	391.77	327.2	-0.1	1,669	1,595	0	0	104	0	.00	1.42
29	391.72	326.9	-0.3	1,636	1,672	0	0	96	20	.10	.00
30	391.65	326.5	-0.4	1,684	1,784	0	0	93	20	.10	.00
TOTALS			-28.8	38,393	49,245	0	0	3,364	369	1.80	3.17
ACRE-FEET			-28,800	76,153	97,677	0	0	6,672	732		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	97,677	OUTLET	0	THIS MONTH =	3.17
SPILL	0	TOTAL	104,349	JULY 1, 2004 TO DATE =	7.31
PUMPING PLANT	6,672				

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

Table 12

NOVEMBER 2004

LAKE NATOMA DAILY OPERATIONS

RUN DATE: December 16, 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	123.58	7,787	+277	1,709	30	1,478	0	60	1
2	123.52	8,064	-29	1,581	30	1,505	0	60	1
3	123.97	8,247	+212	1,684	30	1,139	347	60	1
4	123.99	8,256	+9	1,578	30	1,482	0	60	1
5	123.84	8,186	-70	1,538	32	1,481	0	60	0
6	123.52	8,035	-151	1,496	35	1,476	0	60	1
7	123.36	7,960	-75	1,547	35	1,489	0	60	1
8	123.72	8,129	+169	1,667	35	1,486	0	60	1
9	123.75	8,144	+15	1,595	35	1,491	0	60	1
10	124.05	8,286	+142	1,654	35	1,486	0	60	1
11	123.75	8,144	-142	1,503	35	1,479	0	60	1
12	123.35	7,956	-188	1,478	35	1,478	0	60	0
13	122.99	7,787	-169	1,486	35	1,475	0	60	1
14	122.99	7,787	+0	1,573	35	1,477	0	60	1
15	123.00	7,791	+4	1,577	35	1,479	0	60	1
16	122.82	7,710	-81	1,585	35	1,530	0	60	1
17	123.77	8,153	+443	2,053	35	1,734	0	60	1
18	124.02	8,271	+118	1,889	35	1,734	0	60	1
19	123.77	8,153	-118	1,755	35	1,719	0	60	0
20	123.77	8,153	+0	1,799	35	1,703	0	60	1
21	123.63	8,087	-66	1,755	35	1,691	0	60	2
22	123.60	8,073	-14	1,785	35	1,696	0	60	1
23	123.72	8,129	+56	1,824	35	1,700	0	60	1
24	123.83	8,181	+52	1,832	35	1,710	0	60	1
25	123.68	8,111	-70	1,775	35	1,714	0	60	1
26	123.52	8,035	-76	1,774	35	1,716	0	60	1
27	124.45	8,486	+451	2,039	26	1,726	0	60	0
28	123.95	8,238	-248	1,675	20	1,720	0	60	0
29	123.66	8,101	-137	1,730	20	1,718	0	60	1
30	123.70	8,120	+19	1,797	20	1,706	0	60	1
TOTALS			+333	50,733	973	47,418	347	1,800	26
ACRE-FEET			+333	100,629	1,930	94,054	688	3,570	52

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	94,054	FOLSOM SOUTH CANAL	1,930	TOTAL	100,242
SPILL	688	HATCHERY	3,570		

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

Table 13

NOVEMBER 2004

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: December 16, 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		
		1,134.6									
1	960.56	1,136.2	+1.6	843	27	0	0	28	.11	.00	
2	960.75	1,137.7	+1.5	873	21	0	0	104	.41	.00	
3	960.99	1,139.5	+1.9	984	14	0	0	25	.10	.00	
4	961.20	1,141.2	+1.6	847	14	0	0	3	.01	.92	
5	961.39	1,142.7	+1.5	786	14	0	0	20	.08	.00	
6	961.54	1,143.8	+1.2	630	14	0	0	23	.09	.00	
7	961.72	1,145.3	+1.4	744	14	0	0	18	.07	.01	
8	961.84	1,146.2	+0.9	504	14	0	0	15	.06	.00	
9	961.95	1,147.1	+0.9	449	14	0	0	0	.00	.03	
10	961.83	1,146.1	-0.9	448	905	0	0	18	.07	.01	
11	961.96	1,147.1	+1.0	657	138	0	0	5	.02	.02	
12	962.06	1,147.9	+0.8	414	14	0	0	3	.01	.53	
13	962.17	1,148.8	+0.9	461	14	0	0	10	.04	.08	
14	962.25	1,149.4	+0.6	347	14	0	0	15	.06	.01	
15	962.38	1,150.4	+1.0	545	14	0	0	15	.06	.00	
16	962.46	1,151.1	+0.6	340	14	0	0	8	.03	.00	
17	962.56	1,151.9	+0.8	439	14	0	0	28	.11	.00	
18	962.67	1,152.7	+0.9	464	14	0	0	13	.05	.00	
19	962.58	1,152.0	-0.7	374	718	0	0	13	.05	.00	
20	962.66	1,152.7	+0.6	340	14	0	0	8	.03	.00	
21	962.71	1,153.0	+0.4	241	14	0	0	28	.11	.00	
22	962.79	1,153.7	+0.6	365	14	0	0	33	.13	.00	
23	962.88	1,154.4	+0.7	390	14	0	0	18	.07	.00	
24	962.79	1,153.7	-0.7	513	863	0	0	8	.03	.00	
25	962.93	1,154.8	+1.1	601	25	0	0	20	.08	.00	
26	963.07	1,155.9	+1.1	577	14	0	0	5	.02	.02	
27	963.36	1,158.2	+2.3	1,184	14	0	0	13	.05	.74	
28	963.53	1,159.5	+1.3	707	14	0	0	15	.06	.35	
29	963.62	1,160.2	+0.7	393	14	0	0	20	.08	.01	
30	964.09	1,164.0	+3.7	1,905	14	0	0	15	.06	.00	
TOTALS			+29.3	18,365	3,019	0	0	547	2.15	2.73	
ACRE-FEET			+29,300	36,427	5,988	0	0	1,085			

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
POWER	5,988	OUTLET	0
SPILL	0	TOTAL	5,988
		THIS MONTH =	2.73
		JULY 1, 2004 TO DATE =	6.87

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

Table 14

NOVEMBER 2004

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: December 16, 2004

DAY	ELEV	STORAGE		TULLOCH	RIVER		RELEASE - C.F.S.	
		ACRE-FEET RES.	CHANGE		RELEASE	OUTLET	SPILL	JOINT MAIN
		541						
1	360.05	541	+0	259	0	278	0	0
2	360.05	541	+0	250	0	277	0	0
3	360.05	541	+0	256	0	279	0	0
4	360.05	541	+0	260	0	277	0	0
5	360.05	541	+0	261	0	276	0	0
6	360.05	541	+0	259	0	278	0	0
7	360.05	541	+0	259	0	276	0	0
8	360.05	541	+0	258	0	275	0	0
9	360.08	543	+2	291	0	277	0	0
10	360.05	541	-2	311	0	277	0	0
11	360.05	541	+0	286	0	278	0	0
12	360.05	541	+0	284	0	277	0	0
13	360.05	541	+0	289	0	275	0	0
14	360.05	541	+0	285	0	281	0	0
15	360.03	539	-2	284	0	277	0	0
16	360.05	541	+2	287	0	277	0	0
17	360.03	539	-2	285	0	277	0	0
18	360.05	541	+2	287	0	279	0	0
19	360.03	539	-2	287	0	277	2	0
20	360.03	539	+0	292	0	280	7	0
21	360.05	541	+2	292	0	279	5	0
22	360.03	539	-2	288	0	278	0	0
23	360.05	541	+2	285	0	278	0	0
24	360.05	541	+0	283	0	289	0	0
25	360.05	541	+0	278	0	281	0	0
26	360.03	539	-2	274	0	276	0	0
27	360.05	541	+2	273	0	277	0	0
28	360.03	539	-2	278	0	276	0	0
29	360.05	541	+2	277	0	276	0	0
30	360.03	539	-2	279	0	278	0	0
TOTALS			-2	8,337	0	8,336	14	0
ACRE-FEET			-2	16,536	0	16,534	28	0

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

SUMMARY
 RELEASE (ACRE-FEET)

JOINT MAIN CANAL	28	OUTLET	0
SOUTH MAIN CANAL	0	SPILL	16,534
		TOTAL	16,562

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

Table 15

NOVEMBER 2004

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: December 16, 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			
		208.4									
1	498.15	210.2	+1.8	1,064	0	0	0	132	1	.01	
2	499.03	212.8	+2.6	1,429	0	0	0	132	8	.09	
3	500.31	216.6	+3.8	2,038	0	0	0	132	12	.13	
4	500.78	217.9	+1.4	839	0	0	0	139	1	.01	
5	501.25	219.3	+1.4	864	0	0	0	149	13	.14	
6	501.75	220.8	+1.5	940	0	0	0	150	39	.40	
7	502.34	222.6	+1.8	1,053	0	0	0	150	14	.14	
8	503.01	224.6	+2.0	1,196	0	0	0	151	31	.32	
9	503.47	226.0	+1.4	854	0	0	0	151	1	.01	
10	504.26	228.4	+2.4	1,359	0	0	0	138	13	.13	
11	504.73	229.8	+1.4	865	0	0	0	130	12	.12	
12	505.37	231.8	+2.0	1,128	0	0	0	130	9	.09	
13	505.95	233.6	+1.8	1,034	0	0	0	130	4	.04	
14	506.52	235.3	+1.8	1,027	0	0	0	131	5	.05	
15	507.10	237.1	+1.8	1,040	0	0	0	131	1	.01	
16	507.85	239.5	+2.3	1,315	0	0	0	131	2	.02	
17	508.93	242.9	+3.4	1,846	0	0	0	131	1	.01	
18	509.66	245.2	+2.3	1,305	0	0	0	131	5	.05	
19	510.27	247.1	+1.9	1,120	0	0	0	132	9	.09	
20	511.13	249.9	+2.7	1,534	0	0	0	133	15	.14	
21	511.68	251.7	+1.8	1,034	0	0	0	133	8	.08	
22	512.51	254.4	+2.7	1,493	0	0	0	133	7	.07	
23	513.35	257.1	+2.7	1,522	0	0	0	133	11	.10	
24	513.85	258.7	+1.6	967	0	0	0	133	10	.09	
25	514.49	260.8	+2.1	1,204	0	0	0	134	9	.08	
26	515.20	263.2	+2.3	1,330	0	0	0	134	14	.13	
27	516.07	266.1	+2.9	1,592	0	0	0	134	1	.01	
28	516.86	268.7	+2.6	1,477	0	0	0	134	10	.09	
29	518.29	273.5	+4.8	2,591	0	0	0	126	32	.29	
30	519.04	276.1	+2.6	1,414	0	0	0	121	7	.06	
TOTALS			+67.7	38,474	0	0	0	4,049	305	3.00	1.22
ACRE-FEET			+67,677	76,313	0	0	0	8,031	605		

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	8,031	THIS MONTH = 1.22
MADERA	TOTAL RELEASES	8,031	JULY 1, 2004 TO DATE = 4.49

Table 16

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

November 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-Nov-04	14,790	202	0	289	2,388	2,658	2,103	17,669	1,700	4,283	4,360	39	9	63	8,737	9,586	7,232	10,882	7,232	48.9%	49.2%	56.2%	
2-Nov-04	13,135	203	0	588	2,103	2,559	2,040	16,029	1,700	4,409	4,142	48	0	88	8,687	9,068	5,642	10,679	6,437	53.3%	51.3%	52.4%	
3-Nov-04	12,378	204	0	489	1,977	2,404	1,975	15,048	1,700	5,259	4,356	67	0	85	9,768	8,937	3,580	9,523	5,485	63.9%	55.0%	51.1%	
4-Nov-04	12,302	205	0	373	1,846	2,223	1,925	14,726	-2,180	4,336	4,223	67	0	74	8,699	8,908	8,206	8,879	6,165	58.1%	58.3%	51.3%	
5-Nov-04	12,397	205	0	423	1,772	2,055	1,875	14,797	-2,408	5,340	4,395	67	0	83	9,885	9,303	7,320	8,246	6,396	65.8%	62.6%	54.0%	
6-Nov-04	12,140	206	0	392	1,678	1,913	1,834	14,416	-2,408	4,310	4,312	67	0	88	8,776	8,972	8,048	7,416	6,671	59.8%	61.3%	52.9%	
7-Nov-04	12,250	207	0	361	1,630	1,801	1,801	14,448	-2,408	4,144	4,232	65	0	78	8,518	8,911	8,338	6,910	6,910	58.0%	61.2%	53.2%	
8-Nov-04	12,210	208	0	348	1,599	1,727	1,774	14,365	-2,458	4,776	4,171	69	0	77	9,093	8,648	7,730	6,981	7,012	62.3%	60.0%	52.0%	
9-Nov-04	11,272	208	0	347	1,587	1,674	1,755	13,414	1,422	4,404	4,157	69	0	77	8,706	8,628	3,286	6,644	6,598	63.8%	61.3%	52.5%	
10-Nov-04	11,114	208	0	331	1,604	1,639	1,740	13,257	1,650	4,497	4,233	122	0	71	8,923	8,746	2,684	6,516	6,207	65.9%	63.9%	54.1%	
11-Nov-04	11,231	208	0	327	1,605	1,617	1,729	13,371	1,194	4,492	4,329	122	0	87	9,029	8,704	3,148	5,794	5,929	66.0%	65.2%	55.0%	
12-Nov-04	11,857	208	0	344	1,613	1,611	1,721	14,022	-4,512	4,490	4,272	122	0	84	8,967	8,771	9,566	6,114	6,232	62.5%	64.7%	56.8%	
13-Nov-04	12,133	208	0	350	1,636	1,611	1,714	14,327	-4,512	4,498	4,255	122	0	67	8,941	8,778	9,898	6,379	6,514	61.1%	63.1%	58.7%	
14-Nov-04	12,493	208	0	339	1,632	1,611	1,706	14,672	-5,196	4,495	4,273	122	0	74	8,963	8,761	10,905	6,745	6,827	59.8%	61.1%	60.0%	
15-Nov-04	12,556	208	0	325	1,602	1,616	1,700	14,691	-5,146	4,799	4,338	122	0	78	9,336	8,886	10,501	7,141	7,072	62.2%	61.0%	61.7%	
16-Nov-04	12,050	208	0	314	1,621	1,620	1,696	14,193	-4,690	4,797	4,329	123	0	75	9,323	9,010	9,560	8,037	7,228	64.3%	62.1%	63.2%	
17-Nov-04	11,875	208	0	306	1,632	1,620	1,691	14,021	1,015	4,792	4,274	122	0	90	9,277	9,109	3,729	8,187	7,022	64.7%	63.7%	64.2%	
18-Nov-04	11,806	208	0	304	1,605	1,617	1,685	13,923	1,015	4,498	4,316	122	0	81	9,016	9,002	3,891	8,293	6,848	63.3%	64.1%	63.7%	
19-Nov-04	11,666	208	0	302	1,590	1,610	1,680	13,766	1,700	3,498	4,295	87	0	82	7,962	8,558	4,104	7,512	6,704	56.6%	61.6%	60.9%	
20-Nov-04	11,128	208	0	300	1,587	1,606	1,676	13,223	1,750	2,836	4,305	68	0	74	7,283	7,916	4,190	6,697	6,578	54.0%	58.0%	56.6%	
21-Nov-04	11,043	208	0	299	1,605	1,606	1,673	13,155	1,750	2,999	4,297	68	0	77	7,441	7,410	3,964	5,705	6,453	55.5%	55.4%	53.4%	
22-Nov-04	10,572	208	0	298	1,600	1,599	1,668	12,678	1,750	2,989	4,338	68	0	74	7,468	7,255	3,460	4,700	6,317	57.8%	55.7%	52.7%	
23-Nov-04	10,073	208	0	300	1,572	1,586	1,663	12,153	1,750	2,482	4,336	68	0	86	6,972	7,147	3,431	3,824	6,192	56.1%	56.4%	52.3%	
24-Nov-04	9,953	208	0	298	1,546	1,576	1,657	12,005	1,750	2,490	4,285	67	0	86	6,928	6,973	3,327	3,767	6,073	56.4%	56.8%	51.3%	
25-Nov-04	9,926	208	0	294	1,535	1,567	1,652	11,963	1,800	1,989	4,321	67	0	87	6,463	6,634	3,700	3,739	5,978	52.7%	55.1%	49.2%	
26-Nov-04	9,627	208	0	295	1,526	1,558	1,647	11,656	1,800	1,496	4,299	67	0	80	5,942	6,293	3,914	3,712	5,898	49.7%	53.0%	47.3%	
27-Nov-04	9,672	208	0	298	1,525	1,543	1,642	11,703	1,850	1,497	4,314	67	0	73	5,951	5,972	3,902	3,671	5,824	49.7%	50.7%	45.5%	
28-Nov-04	10,898	208	0	372	1,498	1,525	1,636	12,976	531	2,547	4,296	67	0	70	6,980	6,150	5,466	3,886	5,811	52.7%	50.8%	47.3%	
29-Nov-04	12,665	208	0	493	1,472	1,508	1,629	14,838	531	3,332	4,320	67	0	82	7,801	6,769	6,506	4,321	5,835	51.6%	51.4%	52.0%	
30-Nov-04	12,239	208	0	407	1,455	1,492	1,623	14,309	581	3,981	4,328	67	0	81	8,456	7,601	5,273	4,584	5,817	58.1%	54.1%	58.4%	
Total	349,451	6,216	0	10,506	49,641	52,353	52,310	415,814	-6,980	114,755	128,700	2,478	9	2,369	248,293	245,408	174,501	195,484	192,266	1754.4%	1748.2%	1639.6%	
Average	11,648	207	0	350	1,655	1,745	1,744	13,860	-233	3,825	4,290	83	0	79	8,276	8,180	5,817	6,516	6,516	58.5%	58.3%	54.7%	

NOVEMBER 2004

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

RUN DATE: December 16, 2004

DAY	ELEV	STORAGE		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	
		787,850									
1	431.79	797,474	+9,624	5,658	0	174	0	-631	69	.23	.00
2	433.03	809,000	+11,526	6,408	0	176	0	-420	36	.12	.00
3	434.61	823,769	+14,769	7,115	0	177	0	+508	46	.15	.00
4	435.49	832,034	+8,265	4,035	0	178	0	+310	21	.07	.01
5	436.28	839,478	+7,444	5,521	0	180	0	-1,587	0	.00	.05
6	438.50	860,516	+21,038	8,707	0	187	0	+2,086	31	.10	.10
7	439.94	874,256	+13,740	8,739	0	179	0	-1,633	9	.03	.00
8	441.39	888,166	+13,910	7,209	0	178	0	-18	22	.07	.00
9	442.59	899,734	+11,568	6,480	0	193	0	-455	19	.06	.01
10	443.61	909,606	+9,872	5,383	0	176	0	-229	13	.04	.00
11	444.59	919,125	+9,519	5,341	0	171	0	-371	9	.03	.03
12	445.39	926,921	+7,796	4,030	0	173	0	+74	19	.06	.58
13	446.64	939,145	+12,224	6,484	0	170	0	-151	13	.04	.10
14	448.18	954,279	+15,134	7,454	0	171	0	+347	32	.10	.01
15	448.75	959,901	+5,622	3,450	318	172	0	-126	6	.02	.00
16	450.08	973,062	+13,161	7,043	0	176	0	-232	3	.01	.00
17	451.24	984,590	+11,528	7,016	0	178	0	-1,026	3	.01	.01
18	452.26	994,764	+10,174	5,687	0	199	0	-359	6	.02	.01
19	453.29	1,005,072	+10,308	5,670	0	213	0	-260	6	.02	.00
20	454.58	1,018,033	+12,961	6,977	0	213	0	-230	3	.01	.00
21	455.90	1,031,351	+13,318	7,440	0	213	0	-512	49	.15	.00
22	456.33	1,035,702	+4,351	2,572	0	218	0	-160	98	.30	.00
23	456.50	1,037,424	+1,722	2,999	2,805	216	0	+890	30	.09	.00
24	456.28	1,035,196	-2,228	3,183	4,038	185	0	-83	20	.06	.00
25	456.32	1,035,601	+405	3,550	3,095	201	0	-50	7	.02	.00
26	456.60	1,038,437	+2,836	3,194	1,536	153	0	-76	13	.04	.00
27	456.82	1,040,668	+2,231	3,023	1,627	150	0	-122	20	.06	.00
28	457.97	1,052,352	+11,684	6,442	0	144	0	-407	43	.13	.05
29	457.87	1,051,334	-1,018	2,570	2,811	152	0	-120	0	.00	.00
30	458.49	1,057,649	+6,315	3,925	351	191	0	-200	99	.30	.00
TOTALS			+269,799	163,305	16,581	5,457	0	-5,243	745	2.34	.96
ACRE-FEET			+269,799	323,915	32,888	10,824	0	-10,399	1,478		

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	32,888	SPILL	0	THIS MONTH =	.96
PACHECO TUNNEL	10,824	TOTAL	43,712	JULY 1, 2004 TO DATE =	2.87

NOVEMBER 2004

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

RUN DATE: December 16, 2004

DAY	ELEV	STORAGE		INFLOW - C.F.S.			RELEASE - C.F.S.			* DELIV.	GAINS(+) OR LOSS(-) C.F.S.
		ACRE-FEET IN LAKE	CHANGE	O'NEILL PUMPING	S. LUIS GEN.	CALIF. AQUEDUCT	O'NEILL GEN.	S. LUIS PUMPING	DOS AMIGOS PUMPING		
		40,457									
1	219.36	41,503	+1,046	3,481	0	4,481	0	5,658	1,641		-136
2	219.75	42,505	+1,002	3,326	0	3,995	0	6,408	260		-149
3	219.87	42,815	+310	3,225	0	4,973	0	7,115	913		-14
4	222.08	48,597	+5,782	3,236	0	5,307	0	4,035	1,313		-281
5	222.54	49,820	+1,223	3,204	0	4,603	0	5,521	1,560		-109
6	220.47	44,374	-5,446	3,371	0	4,083	0	8,707	1,289		-203
7	219.22	41,145	-3,229	3,330	0	4,975	0	8,739	1,063		-132
8	219.37	41,528	+383	3,300	0	5,329	0	7,209	1,006		-221
9	219.12	40,889	-639	3,328	0	4,149	0	6,480	1,295		-25
10	219.99	43,126	+2,237	3,314	0	5,360	0	5,383	2,279		+116
11	219.93	42,971	-155	3,422	0	3,562	0	5,341	1,813		+92
12	221.33	46,626	+3,655	3,484	0	4,365	0	4,030	1,746		-230
13	220.76	45,132	-1,494	3,524	0	4,469	0	6,484	2,256		-6
14	219.95	43,023	-2,109	3,504	0	4,703	0	7,454	1,832		+15
15	223.05	51,180	+8,157	3,453	318	4,462	0	3,450	374		-296
16	223.14	51,420	+240	3,550	0	4,585	0	7,043	820		-151
17	223.27	51,768	+348	3,499	0	4,709	0	7,016	1,010		-7
18	223.26	51,741	-27	3,560	0	4,160	0	5,687	1,601		-445
19	223.36	52,009	+268	3,618	0	3,477	0	5,670	1,754		+464
20	221.06	45,918	-6,091	3,625	0	2,947	0	6,977	2,668		+2
21	218.41	39,095	-6,823	3,587	0	3,509	0	7,440	3,122		+26
22	219.51	41,887	+2,792	3,628	0	2,601	0	2,572	2,280		+30
23	221.17	46,206	+4,319	3,687	2,805	2,546	0	2,999	3,674		-188
24	222.98	50,993	+4,787	3,687	4,038	2,093	0	3,183	4,144		-78
25	222.85	50,646	-347	3,642	3,095	1,378	0	3,550	4,660		-79
26	223.42	52,169	+1,523	3,675	1,536	1,067	0	3,194	2,174		-142
27	223.40	52,116	-53	3,680	1,627	1,387	0	3,023	3,650		-48
28	219.67	42,299	-9,817	3,666	0	1,458	0	6,442	3,679		+47
29	222.99	51,019	+8,720	3,585	2,811	3,975	0	2,570	3,271		-133
30	223.29	51,821	+802	3,529	351	3,759	0	3,925	3,184		-18
TOTALS			+11,364	104,720	16,581	112,467	0	163,305	62,331		-2,299
ACRE-FEET			+11,364	207,712	32,888	223,078	0	323,915	123,634	212	-4,560

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

SUMMARY
RELEASE (ACRE-FEET)

O'NEILL GEN.	0	DOS AMIGOS PUMP	123,634
SAN LUIS PUMP	323,915	DELIVERIES	212
		TOTAL	447,761

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

Table 19

NOVEMBER 2004

**FEDERAL-STATE OPERATIONS
 SAN LUIS UNIT**

RUN DATE: December 16, 2004

DAY	AQUEDUCT CHECK 12			O'NEILL PUMPING			O'NEILL GENERATION			SAN LUIS PUMPING			SAN LUIS GENERATION			PACHECO PUMP	DOS AMIGOS		
	STATE	FED	TOTAL	FED	STATE	TOTAL	TOTAL	FED	STATE	TOTAL	FED	STATE	TOTAL	FED	STATE	TOTAL	FED	STATE	TOTAL
1	8,889	0	8,889	6,904	0	6,904	0	5,049	6,173	11,222	0	0	0	346	0	3,255	3,255		
2	7,925	0	7,925	6,598	0	6,598	0	5,035	7,675	12,710	0	0	0	350	0	516	516		
3	9,864	0	9,864	6,396	0	6,396	0	6,615	7,498	14,113	0	0	0	352	0	1,810	1,810		
4	10,527	0	10,527	6,419	0	6,419	0	6,078	1,925	8,003	0	0	0	353	0	2,604	2,604		
5	9,130	0	9,130	6,355	0	6,355	0	6,664	4,286	10,950	0	0	0	358	0	3,095	3,095		
6	8,098	0	8,098	6,687	0	6,687	0	6,590	10,681	17,271	0	0	0	370	0	2,557	2,557		
7	9,868	0	9,868	6,606	0	6,606	0	8,973	8,361	17,334	0	0	0	355	0	2,108	2,108		
8	10,571	0	10,571	6,545	0	6,545	0	6,528	7,771	14,299	0	0	0	353	0	1,996	1,996		
9	8,230	0	8,230	6,602	0	6,602	0	5,777	7,076	12,853	0	0	0	383	0	2,569	2,569		
10	10,632	0	10,632	6,573	0	6,573	0	5,407	5,270	10,677	0	0	0	350	0	4,521	4,521		
11	7,065	0	7,065	6,788	0	6,788	0	5,453	5,141	10,594	0	0	0	339	0	3,597	3,597		
12	8,657	0	8,657	6,911	0	6,911	0	6,553	1,440	7,993	0	0	0	343	0	3,463	3,463		
13	8,864	0	8,864	6,990	0	6,990	0	5,731	7,130	12,861	0	0	0	337	0	4,475	4,475		
14	9,328	0	9,328	6,951	0	6,951	0	11,262	3,523	14,785	0	0	0	340	0	3,633	3,633		
15	8,850	0	8,850	6,849	0	6,849	0	4,767	2,076	6,843	0	630	630	342	0	742	742		
16	9,095	0	9,095	7,041	0	7,041	0	6,479	7,491	13,970	0	0	0	349	0	1,626	1,626		
17	9,340	0	9,340	6,941	0	6,941	0	6,493	7,424	13,917	0	0	0	354	0	2,003	2,003		
18	8,252	0	8,252	7,061	0	7,061	0	6,478	4,803	11,281	0	0	0	395	0	3,176	3,176		
19	6,897	0	6,897	7,177	0	7,177	0	6,445	4,802	11,247	0	0	0	423	0	3,480	3,480		
20	5,846	0	5,846	7,191	0	7,191	0	6,052	7,787	13,839	0	0	0	422	0	5,292	5,292		
21	6,960	0	6,960	7,115	0	7,115	0	12,792	1,965	14,757	0	0	0	423	0	6,193	6,193		
22	5,160	0	5,160	7,196	0	7,196	0	5,185	-84	5,101	0	0	0	432	0	4,522	4,522		
23	5,050	0	5,050	7,313	0	7,313	0	5,986	-38	5,948	0	5,564	5,564	428	0	7,288	7,288		
24	4,151	0	4,151	7,313	0	7,313	0	6,498	-184	6,314	0	8,010	8,010	367	0	8,219	8,219		
25	2,733	0	2,733	7,223	0	7,223	0	6,536	506	7,042	0	6,139	6,139	398	0	9,244	9,244		
26	2,117	0	2,117	7,290	0	7,290	0	6,423	-88	6,335	0	3,046	3,046	303	0	4,313	4,313		
27	2,751	0	2,751	7,300	0	7,300	0	6,052	-55	5,997	0	3,228	3,228	297	0	7,239	7,239		
28	2,892	0	2,892	7,272	0	7,272	0	12,896	-119	12,777	0	0	0	286	0	7,298	7,298		
29	7,885	0	7,885	7,110	0	7,110	0	5,193	-95	5,098	0	5,576	5,576	302	0	6,489	6,489		
30	7,455	0	7,455	6,999	0	6,999	0	7,944	-159	7,785	0	696	696	378	0	6,316	6,316		

AQUEDUCT CHECK 12	O'NEILL PUMPING		O'NEILL GENERATION	SAN LUIS PUMPING			SAN LUIS GENERATION			PACHECO PUMPING	DOS AMIGOS	
TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	
223,082	207,716	0	323,916	32,889	10,828	123,639						
FEDERAL 0	FEDERAL 207,716		FEDERAL 203,934	FEDERAL 0	FEDERAL	FEDERAL 0						
STATE 223,082	STATE 0		STATE 119,982	STATE 32,889	STATE	STATE 123,639						
						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

NOVEMBER 2004

FEDERAL-STATE OPERATIONS

RUN DATE: December 16, 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	8,649	0	8,649	8,496	8,004	0	8,004	0	0	18	2,823	0	2,823	1,745	
2	8,215	0	8,215	8,746	8,336	0	8,336	0	0	0	1,281	0	1,281	1,617	
3	8,641	0	8,641	10,432	10,000	0	10,000	0	0	0	955	0	955	2,245	
4	8,376	0	8,376	8,600	9,377	0	9,377	0	0	0	1,974	0	1,974	1,957	
5	8,718	0	8,718	10,592	10,765	0	10,765	0	0	0	2,466	0	2,466	2,363	
6	8,552	0	8,552	8,548	8,159	0	8,159	0	0	0	1,974	0	1,974	1,865	
7	8,395	0	8,395	8,219	9,449	0	9,449	0	0	0	1,691	0	1,691	1,789	
8	8,273	0	8,273	9,474	10,164	0	10,164	0	0	0	2,102	0	2,102	1,728	
9	8,246	0	8,246	8,735	10,134	0	10,134	0	0	0	2,599	0	2,599	1,644	
10	8,396	0	8,396	8,920	9,738	0	9,738	0	0	0	3,811	0	3,811	1,823	
11	8,586	0	8,586	8,910	7,037	0	7,037	0	0	0	3,347	0	3,347	1,798	
12	8,473	0	8,473	8,906	8,842	0	8,842	0	0	0	3,542	0	3,542	1,562	
13	8,439	0	8,439	8,921	8,856	0	8,856	0	0	0	3,693	0	3,693	1,449	
14	8,476	0	8,476	8,915	8,872	0	8,872	0	0	0	2,551	0	2,551	1,525	
15	8,604	0	8,604	9,519	9,497	0	9,497	0	0	0	647	0	647	1,755	
16	8,587	0	8,587	9,514	9,385	0	9,385	0	0	0	2,133	0	2,133	1,546	
17	8,477	0	8,477	9,505	9,290	0	9,290	0	0	0	1,647	0	1,647	1,536	
18	8,560	0	8,560	8,921	8,964	0	8,964	0	0	0	3,426	0	3,426	1,499	
19	8,520	0	8,520	6,939	6,680	0	6,680	0	0	0	2,874	0	2,874	1,343	
20	8,539	0	8,539	5,626	5,777	0	5,777	0	0	0	3,705	0	3,705	1,348	
21	8,524	0	8,524	5,948	7,154	0	7,154	0	0	0	5,809	0	5,809	1,409	
22	8,604	0	8,604	5,928	5,778	0	5,778	0	0	0	5,325	0	5,325	1,408	
23	8,600	0	8,600	4,924	4,837	0	4,837	0	0	0	6,410	0	6,410	1,287	
24	8,500	0	8,500	4,938	4,680	0	4,680	0	0	0	6,501	0	6,501	1,187	
25	8,570	0	8,570	3,946	2,459	0	2,459	0	0	0	7,610	0	7,610	1,347	
26	8,527	0	8,527	2,968	2,989	0	2,989	0	0	0	5,594	0	5,594	1,237	
27	8,557	0	8,557	2,970	3,035	0	3,035	0	0	0	5,843	0	5,843	1,257	
28	8,521	0	8,521	5,052	3,001	0	3,001	0	0	0	7,447	0	7,447	1,249	
29	8,568	0	8,568	6,609	9,113	0	9,113	0	0	0	4,848	0	4,848	1,458	
30	8,584	0	8,584	7,896	7,292	0	7,292	0	0	0	5,794	0	5,794	1,585	
TOTALS	255,277	0	255,277	227,617	227,664	0	227,664	0	0	18	110,422	0	110,422	47,561	

COMMENTS: ALL VALUES IN ACRE-FEET

Table 21

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

**Central Valley Project - California
2004**

Monthly Diversions in AF

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CANALS													
Contra Costa	1861	10004	4376	19245	6627	17060	19066	15217	6758	3377	4913		108504
Delta-Mendota	267478	277823	254201	116166	58984	215762	268484	271930	260926	267824	255277		2514855
Actual Fed Dos Amigos	67746	59329	90995	115315	166065	216932	189190	103082	45034	15643	NA		1069331
Madera	0	0	14789	32811	29078	49887	50183	20482	5270	0	0		202500
Friant-Kern	6389	20089	42538	69060	110743	168280	148973	100994	68512	28866	0		764444
Corning	0	97	180	1593	2650	4090	4550	4092	2969	988	194		21403
Folsom-South	2291	1626	1966	24334	2773	2785	2924	2848	1658	7131	1930		52266
Tehama-Colusa	149	1896	4941	16201	46077	62258	56224	33392	17336	6829	0		245303
CACHUMA PROJECT													
Tecolote Tunnel	1861	2087	1989	3217	3422	3047	3632	3270	3209	2088	1882		29704
KLAMATH PROJECT													
"A" Canal Upper Klamath	0	40690	0	25620	38160	41180	NA	NA	NA	NA	NA		145650
Klamath Drainage District	9430	11060	7370	5400	5780	11020	NA	NA	NA	NA	NA		50060
Clear Lake Reservoir	0	0	0	480	3500	3750	NA	NA	NA	NA	NA		7730
Gerber Reservoir	0	0	0	860	2980	3660	NA	NA	NA	NA	NA		7500
Klamath River to Lost River	0	0	0	0	5310	7220	NA	NA	NA	NA	NA		12530
ORLAND PROJECT													
Stony Creek	0	0	1434	13423	16378	17203	NA	17141	14612	5359	0		85550
South Canal	0	0	1212	9442	11120	5482	NA	11446	9852	3497	0		52051
North Canal	0	0	222	3981	5258	11721	NA	5695	4760	1862	0		33499
SOLANO PROJECT													
Putah South Canal	3160	3174	7857	24328	30830	34858	36669	29171	20490	7131	1501		199169

Table 22

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

**Friant-Kern Canal
2004**

Monthly Deliveries in AF

Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Alpaugh ID	0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison WSD	2005	2918	10918	6146	0	0	0	1072	7616	1061	2059		33795
Atwell Island WD	0	0	0	0	0	0	0	0	0	0	0	0	0
Delano-Earlimart ID	207	1111	5675	15753	20668	25663	24682	13162	13260	7072	966		128219
Exeter ID	3	5	144	708	1559	1990	2347	2340	1824	751	4		11675
City of Fresno	0	269	22	87	7856	22464	22852	1693	187	280	0		55710
County of Fresno SA #34	3	4	20	30	40	86	94	84	61	25	5		452
Fresno ID	0	0	0	3750	7856	0	0	0	0	0	0		11606
Garfield WD	0	26	65	322	468	478	514	424	315	144	0		2756
Hills Valley ID	0	0	102	440	670	828	863	795	778	287	0		4763
International WD	0	0	0	16	176	257	410	287	266	132	0		1544
Ivanhoe ID	0	0	0	242	699	1133	1604	1247	1383	1022	31		7361
Kaweah Delta WCD	0	0	0	0	0	0	0	0	0	0	0		0
Kern County Water Agency	0	0	0	0	0	0	0	0	0	0	0		0
Kern-Tulare WD	273	258	1364	2585	4323	5080	5313	4963	4000	1660	342		30161
Kings County WD	0	0	0	0	0	0	0	0	0	0	0		0
Kings River CD	0	0	0	0	0	0	0	0	0	0	0		0
Lewis Creek WD	0	0	0	21	75	81	87	166	55	39	0		524
Lindmore ID	0	0	841	2621	5445	7291	8298	6756	4414	2270	183		38119
City of Lindsay	151	143	200	222	276	240	264	249	255	187	0		2187
Lindsay-Strathmore ID	0	102	76	347	3065	3485	4209	4134	3443	1548	370		20779
Wutchumna (Lindsey-Strathmore non-proje	159	33	572	1794	0	0	0	0	0	0	0		2558
Lower Tule River ID	0	0	0	0	13984	23122	19134	15232	0	0	0		71472
North-Kern WSD	0	0	0	0	0	0	0	0	0	0	0		0
City of Orange Cove	80	88	117	171	197	214	243	247	201	157	144		1859
Orange Cove ID	0	10	573	2652	4278	5306	6235	6075	5056	1893	13		32091
Pixley ID	0	0	0	0	3528	6399	182	0	0	0	0		10109
Porterville ID	0	0	840	1520	2218	3094	3428	2263	934	118	0		14415
Rag Gulch WD	0	46	188	1136	1755	2025	1772	1580	846	450	82		9880
Rosedale Rio Bravo WSD	0	0	0	0	0	0	0	0	0	0	0		0
Saucelito ID	0	271	1918	4311	4123	4445	4479	3295	1794	752	33		25421
Semitropic WSD	0	0	0	0	0	0	0	0	0	0	0		0
Shafter Wasco ID	869	6224	5895	6888	9101	8101	7915	3625	3091	1825	227		53761
Southern San Joaquin MUD	726	3537	8409	12668	16834	16759	16807	11801	9053	4206	378		101178
Smallwood Vineyards	0	0	7	70	103	107	120	31	9	5	0		452
Stone Corral ID	18	16	229	749	1297	1750	1830	1426	1218	387	11		8931
Strathmore PUD	35	32	44	56	57	47	51	42	38	27	14		443
Styro Tek, Inc.	0	1	1	0	1	0	1	1	1	0	1		7
Tea Pot Dome WD	0	0	127	544	864	1068	1191	1171	1010	397	19		6391
Terra Bella ID	64	50	430	1695	2515	2949	3411	3340	3064	1165	139		18822
Tri-Valley WD	0	0	5	48	170	242	315	346	231	109	0		1466
Tulare ID	0	0	0	0	0	24373	8523	6562	57	225	0		39740
Tulare Lake Basin WSD	0	0	0	0	0	0	0	0	0	0	0		0
Total	4593	15144	38782	67592	114201	169077	147174	94409	64460	28194	5021	0	748647

* 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	0	0	0	20880	26297	2648	0	0	0		49825
Madera ID	0	0	0	22969	27634	26701	24334	17342	6075	0	0		125055
Soquel	0	0	0	0	0	0	0	7963	0	0	0		7963
Total	0	0	0	22969	27634	47581	50631	27953	6075	0	0	0	182843
MILLERTON LAKE													
County of Madera	2	2	3	6	6	7	8	7	6	5	3		55
Fresno County # 18	6	6	8	16	19	20	26	22	19	11	6		159
Gravelly Ford WD	0	0	996	2419	1556	1495	623	1065	1981	0	0		10135
Total	8	8	1007	2441	1581	1522	657	1094	2006	16	9	0	10349

* Data supplied by Fresno Field Division, Contracts Administration Division

Table 24

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

**San Joaquin and Mendota Pool
2004**

Monthly Deliveries in AF

Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Fresno Slough WD	0	474	354	321	605	583	868	542	236	73	0		4056
Hughes, Melvin	0	0	36	0	5	28	26	26	0	0	0		121
James ID	458	5378	3758	468	3295	7199	7813	7057	2134	694	1234		39488
Laguna WD	0	0	0	0	0	0	0	0	0	0	688		688
Coelho-Gardner-Hanson	0	162	465	319	258	567	485	368	99	0	0		2723
Mid-Valley WD (no contract)	0	0	0	0	0	0	0	0	0	0	0		0
Reclamation 1606	0	86	0	0	95	120	86	113	0	0	0		500
Terra Linda (Goodman)	77	1092	173	343	1017	1714	1882	1550	253	269	18		8388
Tranquility ID	0	4383	1898	1427	4425	5547	5779	4564	211	51	28		28313
Wilson, JW (no contract)	0	119	62	0	52	180	225	176	0	0	0		814
Total	535	11694	6746	2878	9752	15938	17164	14396	2933	1087	1968	0	85091

* James ID in March includes 1690 AF of 215 water.

Exchange Contractors

Central California ID	0	29161	34759	32744	57347	61047	76507	61047	53910	61411	19591		487524
Columbia Canal Co	0	3013	6286	5671	6444	9142	9975	8807	4235	1922	0		55495
Firebaugh Canal Co	101	4528	2142	2284	3590	3932	5718	3589	1781	897	793		29355
San Luis Canal Co	0	3019	13818	11468	15999	27110	27260	20031	9947	11058	7837		147547
Total	101	39721	57005	52167	83380	101231	119460	93474	69873	75288	28221	0	719921

Grassland WD - 76.05L CCID

#1-07-20-W1754 7379 3953 1700 3570 9906 6588 2397 12440 28244 31518 10769 118464

US F&WS - Kesterson

#00-WC-20-1647 6396 13443 0 1894 2394 4615 5184 0 0 2829 2979 39734

State F&WS - DWR #00-WC-20-1647

Kern National Wildlife 1355 870 970 0 0 468 0 1317 3177 5687 5095 18939

State F&G - Water Fowl Dist

#1-07-20-W19756 3932 1797 883 903 1665 1292 1915 3908 6236 5865 6449 34845

DFG Traction Ranch - Mendota Pool

#14-06-200-7859Z 687 348 406 398 762 956 765 765 850 906 882 7725

Total 19749 20411 3959 6765 14727 13919 10261 18430 38507 46805 26174 0 219707

Table 25

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

Monthly Deliveries in AF

Delta-Mendota Canal
2004

Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Banta Carbona ID	0	0	301	349	669	300	1070	0	0	0	0		2689
Broadview WD	1069	2348	633	384	844	3660	2933	1806	45	0	0		13722
CCID (Abv CK 13)	393	472	1819	1836	2043	1834	1900	1775	1319	623	149		14163
CCID (Blw CK 13)	1868	623	6651	4524	15407	17767	26247	11243	143	122	0		84595
Centinella WD	0	0	0	0	0	0	0	0	0	0	0		0
China Island (76.05)	0	168	317	415	0	0	532	446	0	0	0		1878
Del Puerto WD	43	321	4653	11829	14555	15406	17831	12283	7126	3040	84		87171
DWR Intertie @MP7.70-R	0	0	0	0	0	0	0	0	0	0	0		0
Eagle Field WD	162	416	81	225	468	604	628	606	162	1	0		3353
Firebaugh Canal	101	1940	821	1836	3525	8318	8230	5495	0	0	0		30266
Frietas Unit (76.05L)	0	569	25	0	0	0	0	0	0	0	0		594
Mercy Springs WD	37	144	38	163	153	312	357	311	27	148	0		1690
Newman Wasteway Recirculation	0	0	0	0	0	0	0	6269	0	0	0		6269
Oro Loma WD	47	505	0	80	418	404	567	344	0	0	0		2365
Panoche WD - Ag	284	453	135	288	615	1135	927	835	121	4	137		4934
Panoche WD - M&I	2	3	2	3	2	3	2	2	2	2	2		25
Patterson WD	0	131	1057	440	695	558	1176	999	753	197	0		6006
Plainview WD	0	17	57	414	507	593	511	404	384	76	18		2981
Salt Slough Unit (76.05L)	1009	0	701	250	0	651	663	0	0	0	0		3274
San Luis WD - Ag	254	1238	576	523	1554	2473	2522	1506	341	83	2		11072
San Luis WD - M&I	1	1	2	12	24	26	41	34	35	23	29		228
Tracy, City of	0	447	649	1226	1296	1245	1260	1305	1255	1166	853		10702
West Side ID	0	0	0	0	40	58	150	22	0	0	0		270
Widren	0	13	69	140	30	53	23	0	0	0	0		328
W. Stanislaus ID	64	319	2145 *	4144	4471	4749	7873	4835	331	499	150		29580
F&G - Los Banos Ref. 76.05L	1027	0	860	612	554	850	540	0	0	0	0		4443
Volta Wildlife Mgmt Area (F&G)	38	245	0	206	244	281	228	2240	2584	2326	341		8733
Grasslands WD -76.05L	6638	3623	1700	3428	8410	5002	1420	9807	11088	11405	2013		64534
Grasslands WD - Volta	215	571	0	2217	4181	1725	1403	2692	9160	14291	2094		38549
F&W (Volta) Santa Fee Kest.	0	569	0	522	456	0	0	278	912	1041	893		4671
F&W - Kesterson 76.05L	0	0	0	0	0	0	0	0	0	0	0		0
Total DMC Deliveries	13252	15136	23292	36066	61161	68007	79034	65537	35788	35047	6765	0	439085
Oneill Net Pumped	218374	130378	147335	8908	-109015	-1894	15431	67998	127098	146992	207716		959321
DMC plus Oneill	231626	145514	170627	44974	-47854	66113	94465	133535	162886	182039	214481	0	1398406

Data supplied by San Luis Delta-Mendota Water Authority

* West Stanislaus total includes 761 AF rescheduled water and 1,100 AF of 215 water.

Table 26

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

San Luis and Cross Valley Canals
2004

Monthly Deliveries in AF

Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
SAN LUIS CANAL													
City of Avenal	182	168	204	225	266	271	303	289	277	227	198		2610
Broadview WD	2	0	0	2	1	3	2	2	3	3	1		19
City of Coalinga	325	343	405	578	761	852	1146	1123	826	544	328		7231
City of Dos Palos	69	68	93	127	161	173	194	179	156	113	72		1405
City of Huron	48	47	69	77	113	120	141	126	103	84	70		998
Pacheco WD	1	2	1	101	29	2321	2992	1725	732	379	1		8284
Pacheco CCID Non-project (Hamburg)	329	724	885	1438	2207	0	0	0	0	0	104		5687
Panoche WD	4250	4383	3534	3809	6957	13153	11650	6501	833	458	73		55601
San Luis WD	2383	5047	5261	6667	10311	13435	12331	6961	3093	2447	402		68338
Westlands WD (Federal)	60726	51482	82863	103574	146551	190101	164745	95799	34229	22838	10997		963905
Fish & Game (Lateral 4 - Federal)	1	0	1	1	0	0	1	0	0	33	0		37
Fish & Game (Lateral 6 - Federal)	0	0	0	0	0	0	0	0	0	0	0		0
Total	68316	62264	93316	116599	167357	220429	193505	112705	40252	27126	12048	0	1113917
O'NEILL FOREBAY DELIVERIES													
Oneill Forebay Wildlife (Federal)	60	65	69	74	30	37	79	114	71	74	82		755
San Luis WD Ag	54	316	649	1026	1353	1834	1725	986	562	325	76		8906
San Luis M&I	27	24	36	86	99	96	67	101	85	66	54		741
VA Cemetary	1	1	2	4	11	9	11	11	9	6	1		66
Total	142	406	756	1190	1493	1976	1882	1212	727	471	213	0	10468
CROSS VALLEY CANAL													
County of Fresno	0	0	0	0	0	0	0	1567	0	383	0		1950
County of Tulare	0	0	0	0	0	0	0	2036	0	742	0		2778
Lower Tule River ID	0	0	7854	0	0	0	0	6187	0	6565	85		20691
Pixley ID	0	0	0	0	0	0	0	10094	0	1706	85		11885
Kern-Tulare WD	0	0	4211	0	0	0	0	9628	0	9344	0		23183
Rag Gulch WD	0	0	4210	0	0	0	0	3082	0	320	0		7612
Hills-Valey ID	0	0	0	0	0	0	0	1283	0	468	0		1751
Tri-Valley ID	0	0	0	0	0	0	0	438	0	159	0		597
Total	0	0	16275	0	0	0	0	34315	0	19687	170	0	70447
SAN FELIPE DIVISION													
Santa Clara	9868	7309	4408	7591	12961	15850	16976	14572	12186	7315	10003		119039
215 water	0	0	1110	0	0	0	0	0	0	0	0		1110
San Benito	1203	2629	1271	2381	3808	3846	4504	4014	2108	1032	825		27621
215 water	0	0	103	0	0	0	0	0	0	0	0		103
Total	11071	9938	6892	9972	16769	19696	21480	18586	14294	8347	10828	0	147873

* 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
2004

Monthly Deliveries in AF

Water Users	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Colusa County WD	108	109	1763	6476	10850	12200	12335	8087	5194	3003	133		60258
Cortina WD	0	0	26	106	216	300	300	131	73	46	0		1198
Davis WD	0	0	132	230	909	701	301	259	65	28	1		2626
Dunnigan WD	5	10	233	2098	2854	3432	3286	2007	1177	483	115		15700
4-M Water District	1	0	143	323	387	414	469	296	121	34	0		2188
GCID	0	161	1110	4283	4967	4926	4972	4466	1506	626	0		27017
Glenn Valley WD	0	0	30	0	358	259	156	174	9	0	0		986
Glide WD	0	0	32	1126	3694	3263	3596	2841	520	25	199		15296
Holthouse WD	0	0	29	246	261	285	460	401	309	30	1		2022
Kanawha WD	3	9	397	4089	6348	7975	7630	4788	1774	255	34		33302
Kirkwood WD	0	0	2	98	112	127	117	96	110	27	0		689
La Grande WD	0	0	1	954	1262	1285	1204	901	142	132	0		5881
Myers-Marsh MWC	0	0	32	24	222	216	9	0	0	0	0		503
Orland-Artois WD	5	17	416	5579	11522	13421	13737	10108	4994	1444	18		61261
Westside WD	6	6	887	4301	8741	9158	7000	4491	1766	667	52		37075
Total	128	312	5233	29933	52703	57962	55572	39046	17760	6800	553	0	266002

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
Anderson Cottonwood ID	0	0	0	10975	19704	18392	19638	17119	15971	1028	0		102827
Andreotti, Arthur, et al	0	0	0	0	576	658	740	630	249	0	0		2853
Baber, Jack, et	0	0	0	31	753	1061	981	467	0	0	0		3293
Carter, Jane	0	0	0	0	9	158	205	111	0	0	0		483
Carter MWC	0	0	0	0	487	562	558	240	0	241	0		2088
Colusa IC (King & Dommer)	0	0	0	0	4	0	5	0	4	0	0		13
Colusa Prop. Inc	0	0	0	90	50	158	96	105	0	0	0		499
Conaway Conservancy Group	0	0	0	1400	10466	12116	6322	5621	836	304	0		37065
Davis Ranches	0	0	0	2380	6747	6584	7225	5201	104	0	0		28241
East Side MWC	0	0	0	77	572	526	436	315	42	0	0		1968
Forry, Laurie	0	0	0	0	266	412	514	471	187	0	0		1850
Forster, Rosemary	0	0	0	524	470	1011	1035	225	0	0	0		3265
Furlan Joint Venture (Area #1)	0	0	0	26	87	119	92	10	0	0	0		334
Furlan Joint Venture (Area #2)	0	0	0	0	0	0	0	0	0	0	0		0
Glenn-Colusa ID	0	0	0	91992	140825	157831	157870	118841	29356	65147	0		761862
Green Valley Corp.	0	0	0	0	181	105	22	380	45	0	0		733
Griffin & Prater, TIC	0	0	0	328	481	221	203	356	0	0	0		1589
Henle Family Limited Partnership	0	0	0	0	0	1	68	0	0	0	0		69
Hershey Land Co	0	0	0	1	48	101	74	234	9	0	0		467
Hiatt, Glenn	0	0	0	0	306	247	279	137	0	0	0		969
Hollins, Mariette B	0	0	0	66	240	255	218	86	26	0	0		891
Howald Farms	0	0	0	218	288	363	343	302	0	0	0		1514
Knags Walnut Ranches Co, L.P.	0	0	0	0	0	0	0	0	0	0	0		0
Lockett, William P.	0	0	0	0	0	0	0	0	0	0	0		0
Loma Cold Storage/J Micheli	0	0	0	442	1605	2204	177	125	0	0	0		4553
M&T Inc.	0	0	0	409	1184	2109	2412	1059	29	1688	0		8890
Maxwell ID	0	0	0	649	170	0	0	0	0	2652	0		3471
MCM Properties, Inc	0	0	0	20	14	43	143	66	30	0	0		316
Mehrhof & Montgomery	0	0	0	0	20	13	26	0	27	0	0		86
Meridan Farms WC	0	0	0	2101	6758	7209	7027	6680	763	0	0		30538
Natomas Central MWC	0	0	0	8173	18706	21850	23882	14508	6586	1219	0		94924
O'Brien, Janice	0	0	0	88	155	271	301	277	36	0	0		1128
Odyesseus Farms	0	0	0	42	16	215	115	87	40	0	0		515
Oji Bros. Farms Inc	0	0	0	320	751	870	795	323	37	0	0		3096
Oji, Mitsue Family PTN	0	0	0	493	1227	991	1033	529	313	90	0		4676
Pelger Mutual WC	0	0	0	1003	1808	1619	1269	988	219	1435	0		8341
Pleasant Grove-Verona MWC	0	0	0	1242	4372	4566	4761	2920	0	0	0		17861
Princeton,-Codora-Glenn ID	0	0	0	7065	13286	12531	13333	10239	1739	2979	0		61172
Provident Irrigation District	0	0	0	8148	11193	13044	10080	3425	58	12931	0		58879
Reclamation Dist #1004	0	0	0	3744	11837	14371	12555	8501	2582	11537	0		65127
Reclamation Dist #108	0	0	0	11514	39424	38007	35651	22992	2891	7272	0		157751
Reynen, John, et al	0	0	0	140	894	959	1019	928	111	104	0		4155
River Garden Farms	0	0	0	808	5266	5167	5832	4653	773	1522	0		24021
Roberts Ditch Irrigation Co	0	0	0	205	532	769	637	605	102	24	0		2874
Sacramento River Ranch, LLC	0	0	0	0	193	1052	882	735	310	0	0		3172
Siddiqui, J & A & Siddiqui Family Plan	0	0	0	8	139	33	267	312	198	2	0		959
Spence, Ruth Ann	0	0	0	0	0	0	0	0	0	0	0		0
Sutter Mutual WC	0	0	0	18363	48301	49830	59286	42865	8060	1620	0		228325
Tarke, James, et al	0	0	0	206	746	959	910	509	0	0	0		3330
Tisdale Irrigation & Drain	0	0	0	861	1892	1968	2012	1574	82	0	0		8389
Wallace Construction, Inc.	0	0	0	0	206	578	481	559	61	135	0		2020
Wells, Joyce M	0	0	0	71	260	337	289	114	34	0	0		1105
Wilson Ranch Partnership	0	0	0	0	0	0	0	0	0	0	0		0
Windswept Land & Livestock Co.	0	0	0	213	967	1063	774	895	464	0	0		4376
Total	0	0	0	174436	354482	383509	382873	277319	72374	111930	0	0	1756923

Revised values in red

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

Table 29

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

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

Mean monthly flow in cfs

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sacramento River												
Shasta computed inflow	10630	23518	12774	8668	6060	4400	3835	3236	3201	3963	3543	
At Keswick	7638	21345	14924	8410	9568	13945	15034	11065	8610	7167	4556	
At Bend Bridge	13819	32088	23745	10770	11049	15016	15724	11262	8954	8007	5271	
At Vina Bridge	18233	43796	29883	14231	12837	16538	16837	12239	10084	9545	6783	
At Ord Ferry	19581	44092	29054	11848	9098	11421	11863	9177	8652	7534	5387	
At Colusa	19229	26792	23595	10485	8428	10497	11219	8519	8028	6618	5001	
Below Wilkins Slough	18048	19703	19964	9915	6415	8354	8706	6950	7522	6266	5338	
At Verona	33182	39903	42251	19612	10945	13443	18864	30534	13630	10867	10292	
Sacramento at "I" Street	35497	42770	46233	23795	12686	15155	21440	31928	14919	12119	12799	
Miscellaneous Stations												
Folsom computed inflow	3077	4789	5068	3311	2597	1514	1391	1540	1571	1258	1280	
American R at Nimbus Dam	2511	3643	3500	4344	2150	2273	3162	1851	1537	1423	1652	
Kings River at Pine Flat	155	340	548	1666	2114	6313	4918	1712	334	187	103	
San Joaquin River												
At Friant Dam	113	116	153	196	215	225	230	246	228	173	135	
Near Vernalis	1759	2167	3301	2705	2698	1535	1251	1233	1224	1874	1750	
Putah Creek												
Berryessa computed inflow	1096	3524	804	226	58	7	-21	-6	-2	38	31	
Putah Creek - Lake Solano	40	2728	1447	79	43	43	43	34	34	32	33	
Stanislaus River												
New Melones computed inflow	1144	1373	1702	1533	1129	588	484	692	686	824	612	
At Tulloch Dam	233	340	813	1852	2304	2166	2121	1712	1156	521	278	
At Orange Blossom	360	453	339	578	675	544	445	309	172	298	292	

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