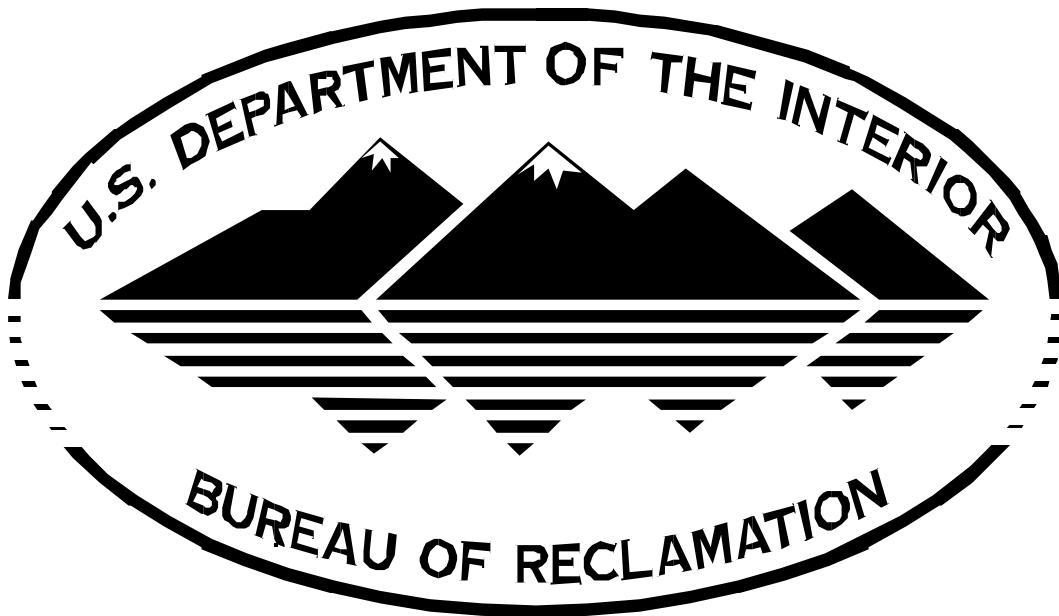


**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION**

**CENTRAL VALLEY OPERATIONS OFFICE**

**REPORT OF OPERATIONS**



*August 2004*

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INDEX

	<u>Page Number</u>
Summary of August 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 AUGUST 2004 OPERATIONS

Sacramento had an average monthly temperature of 77.8 °F which was 1.1 °F above normal. The average temperature at Shasta Dam was 81.0 °F which was .9 °F above normal and Huntington Lake was 5.0 °F above normal with an average temperature of 65.6 °F.

Trinity System: Storage in Trinity Lake decreased 139,600 acre-feet this month to 1,739,100 acre-feet, which is 71 percent of capacity and 104 percent of the 15 year average for this date. The total inflow for the month was 7,049 acre-feet. The Trinity River release ranged between 450 to 1,650 ft<sup>3</sup>/s. Whiskeytown Lake was operated between elevations 1208.67 feet and 1209.18 feet with an end-of-month storage of 238,300 acre-feet. The releases to Clear Creek from Whiskeytown Dam were 2,2325 ft<sup>3</sup>/s. Total diversion from the Trinity River to the Sacramento River watershed for the month was 97,953 acre-feet.

Shasta-Keswick: Storage in Shasta Lake decreased 374,700 acre-feet for an end-of-month storage of 2,410,400 acre-feet, which is 53 percent of capacity and 88 percent of the 15 year average. The total inflow for the month was 198,979 acre-feet. The release to the Sacramento River at Keswick ranged between 9,000 and 14,500 ft<sup>3</sup>/s for the month.

Folsom-Nimbus: Storage in Folsom Lake decreased 40,200 acre-feet and had an end-of-month storage of 390,000 acre-feet, which is 40 percent of capacity and 73 percent of the 15 year average for this date. The total inflow for the month was 94,678 acre-feet. The release to the American River at Nimbus ranged between 1,500 and 2,500 ft<sup>3</sup>/s during the month.

New Melones: Storage in New Melones decreased 64,400 acre-feet for an end-of-month storage of 1,140,900 acre-feet or 47 percent of capacity and 91 percent of the 15 year average. The release to the Stanislaus River at Goodwin Dam ranged between 250 to 325 ft<sup>3</sup>/s for the month. The total inflow for the month was 42,556 acre-feet.

Delta-San Luis: Federal storage in San Luis Reservoir on August 31, 2004, was 90,000 acre-feet compared to the storage a year ago of 258,000 acre-feet.

Friant: Storage in Millerton Lake decreased 56,868 acre-feet for an end-of-the month storage of 193,100 acre-feet. The total monthly inflow was 81,883 acre-feet. The release to the San Joaquin River at Friant varied between 233 and 290 ft<sup>3</sup>/s.

CVP Totals: The total diversions to CVP canals were 448,949 acre-feet. The August 31, 2004, storage in the 18 CVP reservoirs was 5,770,000 acre-feet compared to storage 1 year ago of 7,592,000 acre-feet.

Power: Gross power production for the CVP totaled 479,159 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	08/31/04	08/31/03	WATERSHED	RESERVOIR	TOTAL CAPACITY	08/31/04	08/31/03
KLAMATH	CLEAR LAKE *	526,800	NA	70,020	AMERICAN	FOLSOM LAKE *CVP	976,960	390,010	699,950
	GERBER *	94,300	NA	21,180		LAKE NATOMA *CVP	9,030	8,280	7,850
	UPR KLAMATH LK *	873,300	NA	213,660	COSUMNES				33,700
TRINITY	CLAIR ENGLE LK*CVP	2,447,700	1,739,090	2,071,230	MOKELUMNE	CAMANCHE	431,500	250,720	287,050
	LEWISTON LAKE*CVP	14,660	14,160	13,890		PARDEE	210,000	192,970	193,690
	WHISKEYTOWN *CVP	241,100	238,340	237,550	SALT SPRINGS	140,000	86,640	119,760	
MCCLOUD	MCCLOUD DIV. RES	35,230	27,230	26,870	CALAVERAS	NEW HOGAN	317,100	93,160	118,680
PIT	IRON CANYON	24,240	13,370	14,260		NEW MELONES*CVP	2,420,000	1,140,940	1,303,720
	LAKE BRITTON	40,620	36,450	38,560		BEARDSLEY	97,800	71,190	82,210
	PIT NO. 6	15,890	14,100	14,560	STANISLAUS	DONNELLS	64,320	45,750	45,870
SACRAMENTO	PIT NO. 7	34,610	31,450	32,850	TULLOCH		67,000	65,170	65,650
	SHASTA LAKE *CVP	4,552,000	2,410,370	3,258,550	LAKE ELEANOR	26,100	21,680	20,770	
	SPRING CREEK *CVP	5,900	1,080	570	LAKE LLOYD	268,000	251,060	251,760	
	KESWICK *CVP	23,800	22,030	22,320	TUOLUMNE	HETCH-HETCHY	360,400	303,660	317,330
FEATHER	RED BLUFF DIV *CVP	3,920	3,930	3,920	NEW DON PEDRO	2,030,000	1,396,750	1,571,970	
	OROVILLE	3,538,000	1,885,960	2,458,190	TURLOCK LAKE	49,000	31,650	29,310	
	THERMALITO DIV RES	13,500	13,020	13,060	MERCED	EXCHEQUER	1,024,600	334,350	493,820
	THERMALITO FORE.	14,400	11,180	38,060	CHOWCHILLA	BUCHANAN	150,000	10,820	17,900
STONY CREEK	THERMALITO AFTER.	57,000	37,890	10,960	CRANE VALLEY	45,400	37,060	40,420	
	LAKE ALMANOR	1,143,000	854,120	921,190	LAKE T.A. EDISON	125,000	91,670	84,760	
	EAST PARK *	50,900	44,070	44,910	FLORENCE LAKE	64,600	42,760	26,070	
PUTAH CREEK	STONY GORGE *	50,000	38,270	35,030	SAN JOAQUIN	MAMMOTH POOL	122,700	42,760	44,405
	BLACK BUTTE *CVP	143,700	43,620	80,780		HUNTINGTON LAKE	89,800	87,450	87,640
	LAKE BERRYESSA *	1,602,300	1,401,010	1,464,570		REDINGER LAKE	35,000	24,030	24,460
YUBA	LAKE SOLANO *	720	650	670	SHAVER LAKE	135,400	111,160	126,700	
	BULLARDS BAR	930,000	518,760	669,240	MILLERTON LK *CVP	520,500	190,090	252,470	
	SO. YUBA SYSTEM	146,000	73,940	NA	FRESNO	HIDDEN	90,000	4,930	17,900
BEAR	NARROWS	70,000	65,300	66,800	SAN LUIS **CVP	2,040,600	498,400	787,480	
	ROLLINS	65,990	56,530	63,490	O'NEILL FORE.**CVP	56,400	50,780	48,780	
LITTLE TRUCKEE	STAMPEDE *	226,620	108,400	143,870	SAN LUIS	L BANOS RES**CVP	34,560	18,980	19,600
	BOCA *	41,140	16,900	31,370		LT PANOCHE **CVP	5,580	660	680
PROSSER	PROSSER CREEK *	29,840	9,500	23,210	OIL CANYON	CONTRA LOMA *CVP	2,100	2,020	2,070
TRUCKEE	LAKE TAHOE *	732,000	40,100	264,730	KINGS	WISHON	128,300	51,920	85,320
	RYE PATCH *	190,000	11,000	NA	PINE FLAT	1,001,500	11,560	232,560	
HUMBOLDT					KAWEAH	TERMINUS	143,000	10,160	9,610
CARSON	LAHONTAN *	317,280	120,200	200,000	TULE	SUCCESS	82,300	8,920	12,690
	TWIN LAKES	21,600	15,600	20,510	KERN	ISABELLA	588,100	120,480	199,590
	FRENCH MEADOWS	136,400	85,260	106,120	CUYAMA	TWITCHHELL *	240,100	NA	NA
AMERICAN	HELL HOLE	207,590	137,380	163,780	SANTA YNEZ	LAKE CACHUMA *	190,500	77,450	119,500
	LOON LAKE	76,500	51,720	56,740	COYOTE	LAKE CASITAS *	254,000	164,600	186,350
	ICE HOUSE	46,000	33,370	38,320	<b>TOTAL - 85 RESERVOIRS</b>	<b>33,715,700</b>	<b>16,784,170</b>	<b>21,244,365</b>	
	UNION VALLEY	277,300	201,810	204,540	<b>TOTAL - 33 RESERVOIRS</b>	<b>18,918,310</b>	<b>8,804,930</b>	<b>11,664,180</b>	
	SLAB CREEK	16,600	14,370	14,190	<b>TOTAL - 17 RESERVOIRS</b>	<b>13,498,510</b>	<b>6,772,780</b>	<b>8,845,110</b>	

\*\* - 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
<b><u>Generation in mwh</u></b>													
<b>Shasta</b>													
Gross	153192	176196	160527	147205	232161	304210	305983	211171					1,690,645
Net	152819	175892	160284	146978	231965	304114	305870	211064					1,688,986
<b>Keswick</b>													
Gross	31989	28332	33660	36196	43356	58792	62301	48597					343,223
Net	31823	28175	33508	36055	43228	58658	62155	48453					342,055
<b>Trinity</b>													
Gross	12275	20844	65907	61330	81715	91109	76545	47086					456,811
Net	12158	20653	65722	61200	81582	90972	76410	46977					455,674
<b>JF Carr</b>													
Gross	9621	1156	81168	71768	12910	51828	70425	48009					346,885
Net	9423	1043	81001	71674	12786	51744	70326	47922					345,919
<b>Spring Creek PP</b>													
Gross	25688	53671	100745	64973	9986	45554	68625	46215					415,457
Net	25540	53507	100563	64818	9932	45460	68510	46120					414,450
<b>Folsom</b>													
Gross	41676	50171	58148	70356	36205	37541	50460	27921					372,478
Net	41425	49965	57994	70206	36027	37352	50262	27714					370,945
<b>Nimbus</b>													
Gross	5377	5956	5601	3056	4546	4677	6606	3864					39,683
Net	5333	5912	5566	3044	4534	4649	6593	3851					39,482
<b>New Melones</b>													
Gross	4519	5400	21073	49357	62741	55011	54224	42426					294,751
Net	4395	5267	20939	49217	62582	54853	54079	42295					293,627
<b>O'Neill</b>													
Gross	0	0	0	1518	3842	690	45	0					6,095
Net	0	0	0	1484	3780	672	28	0					5,964
<b>Fed San Luis</b>													
Out Meter	0	0	4400	32868	65487	46434	23024	3870					176,083
<b>Gross Generation</b>	284,337	341,726	531,229	538,627	552,949	695,846	718,238	479,159	0	0	0	0	4,142,111
<b>Net Generation</b>	282,916	340,414	529,977	537,544	551,903	694,908	717,257	478,266	0	0	0	0	4,133,185
<b>Stampede (Gross)</b>		610	1,477	2,212	2,436	1,654	1,892	470					10,751
<b>Stampede (Net)</b>		580	1,450	2,189	2,415	1,637	1,885	447					10,603
<b><u>Energy in mwh</u></b>													
<b>Tracy</b>													
Tot Energy	62189	52737	59099	26606	13243	49370	62290	63177					388,711
Fed Off-Pk	29510	25380	26873	12940	7526	22389	29769	30024					184,411
<b>O'Neill</b>													
Tot Energy	12789	7619	8609	3092	92	1126	1081	4055					38,463
Fed Off-Pk	6149	3696	3992	1547	92	562	573	1948					18,559
<b>San Luis</b>													
Fed Energy	57385	27613	35391	3987	0	0	72	4722					129,170
Fed Off-Pk	53155	27493	33555	3927	0	0	72	4812					123,014
<b>Dos Amigos</b>													
Fed Energy	7884	10104	10795	16285	21801	31920	25722	15205					139,716
Fed Off-Pk	5739	7038	7920	10135	13401	17430	15132	9596					86,391
<b>Banks - Fed</b>													
Fed Energy	0	0	0	0	0	0	9135	9969					19,104
Fed Off-Pk	0	3696	0	0	0	0	885	2035					6,616
<b>Total Energy</b>	140,247	98,073	113,894	49,970	35,136	82,416	98,300	97,128	0	0	0	0	715,164
<b>Total Fed Off-Pk</b>	94,553	67,303	72,340	28,549	21,019	40,381	46,431	48,415	0	0	0	0	418,991

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

**Table 3**

**AUGUST 2004**

**SHASTA LAKE DAILY OPERATIONS**

RUN DATE: September 30, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION C.F.S.	PRECIP INCHES	
		1000 ACRE-Feet IN LAKE	CHANGE		POWER	RIVER SPILL	OUTLET			
		2,785.0								
1	997.21	2,768.3	-16.8	3,175	11,389	0	0	233	.37	
2	996.46	2,752.2	-16.0	3,535	11,399	0	0	226	.36	
3	995.79	2,737.9	-14.3	3,413	10,448	0	0	169	.27	
4	995.05	2,722.2	-15.7	3,693	11,459	0	0	162	.26	
5	994.23	2,704.9	-17.3	2,276	10,754	0	0	261	.42	
6	993.43	2,688.0	-16.8	2,315	10,639	0	0	167	.27	
7	992.73	2,673.4	-14.7	3,488	10,687	0	0	203	.33	
8	992.07	2,659.6	-13.8	3,597	10,332	0	0	221	.36	
9	991.29	2,643.3	-16.2	2,048	9,995	0	0	232	.38	
10	990.67	2,630.5	-12.9	3,645	9,887	0	0	237	.39	
11	990.09	2,618.5	-12.0	3,722	9,550	0	0	218	.36	
12	989.50	2,606.3	-12.1	3,188	9,086	0	0	224	.37	
13	988.93	2,594.6	-11.7	3,045	8,722	0	0	229	.38	
14	988.52	2,586.2	-8.4	4,049	8,059	0	0	217	.36	
15	988.08	2,577.2	-9.0	3,559	7,904	0	0	192	.32	
16	987.47	2,564.9	-12.4	3,367	9,409	0	0	191	.32	
17	986.84	2,552.1	-12.8	3,086	9,330	0	0	191	.32	
18	986.25	2,540.1	-12.0	3,776	9,644	0	0	178	.30	
19	985.71	2,529.2	-10.9	3,530	8,814	0	0	219	.37	
20	985.14	2,517.7	-11.5	3,366	8,922	0	0	224	.38	
21	984.62	2,507.3	-10.4	2,900	7,940	0	0	212	.36	
22	984.16	2,498.1	-9.2	2,623	7,062	0	0	200	.34	
23	983.66	2,488.2	-10.0	3,183	8,084	0	0	123	.21	
24	983.30	2,481.0	-7.2	3,334	6,815	0	0	129	.22	
25	982.91	2,473.3	-7.7	3,550	7,287	0	0	169	.29	
26	982.33	2,461.8	-11.5	3,333	8,983	0	0	134	.23	
27	981.74	2,450.1	-11.6	3,431	9,115	0	0	185	.32	
28	981.20	2,439.5	-10.6	3,108	8,273	0	0	191	.33	
29	980.62	2,428.1	-11.4	2,959	8,500	0	0	190	.33	
30	980.14	2,418.8	-9.4	3,196	7,729	0	0	201	.35	
31	979.71	2,410.4	-8.4	2,821	6,815	0	0	235	.41	
<b>TOTALS</b>			<b>-374.7</b>	<b>100,311</b>	<b>283,032</b>	<b>0</b>	<b>0</b>	<b>6,163</b>	<b>10.28</b>	<b>.00</b>
<b>ACRE-Feet</b>			<b>-374,700</b>	<b>198,967</b>	<b>561,394</b>	<b>0</b>	<b>0</b>	<b>12,224</b>		

COMMENTS:

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

**SUMMARY**

	RELEASE (ACRE-Feet)			PRECIPITATION	
POWER	561,394	OUTLET	0	THIS MONTH =	.00
SPILL	0	TOTAL	561,394	JULY 1, 2004 TO DATE =	.00

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

Table 4

AUGUST 2004

TRINITY LAKE DAILY OPERATIONS

RUN DATE: September 30, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	POWER	RELEASE - C.F.S.		EVAPORATION		PRECIP INCHES (1)
		1000 ACRE-FEET IN LAKE	CHANGE			SPILL	OUTLET	C.F.S.	INCHES (1)	
		1,878.6								
1	2,331.98	1,872.9	-5.7	106	2,843	0	0	135	.33	.00
2	2,331.54	1,866.8	-6.1	1	2,942	0	0	126	.31	.00
3	2,331.15	1,861.4	-5.4	58	2,650	0	0	126	.31	.06
4	2,330.76	1,856.0	-5.4	75	2,680	0	0	105	.26	.00
5	2,330.38	1,850.8	-5.2	-111	2,399	0	0	125	.31	.00
6	2,330.03	1,846.0	-4.8	56	2,390	0	0	93	.23	.00
7	2,329.73	1,841.9	-4.1	547	2,513	0	0	105	.26	.00
8	2,329.41	1,837.5	-4.4	243	2,330	0	0	121	.30	.00
9	2,329.09	1,833.1	-4.4	308	2,383	0	0	133	.33	.00
10	2,328.79	1,829.0	-4.1	210	2,138	0	0	136	.34	.00
11	2,328.49	1,824.9	-4.1	426	2,363	0	0	124	.31	.00
12	2,328.16	1,820.4	-4.5	267	2,402	0	0	132	.33	.00
13	2,327.80	1,815.5	-4.9	60	2,391	0	0	136	.34	.00
14	2,327.48	1,811.2	-4.3	103	1,458	0	694	140	.35	.00
15	2,327.12	1,806.3	-4.9	-578	14	0	1,719	151	.38	.00
16	2,326.78	1,801.7	-4.6	-393	14	0	1,805	107	.27	.00
17	2,326.65	1,800.0	-1.8	-179	14	0	585	107	.27	.00
18	2,326.58	1,799.0	-0.9	180	14	0	531	111	.28	.00
19	2,326.53	1,798.3	-0.7	239	14	0	478	87	.22	.00
20	2,326.49	1,797.8	-0.5	160	14	0	312	107	.27	.00
21	2,326.36	1,796.0	-1.8	831	1,585	0	0	131	.33	.00
22	2,325.99	1,791.1	-5.0	182	2,566	0	0	135	.34	.00
23	2,325.45	1,783.8	-7.3	27	3,612	0	0	75	.19	.00
24	2,324.87	1,776.0	-7.8	-244	3,620	0	0	63	.16	.00
25	2,324.43	1,770.1	-5.9	-592	2,271	0	0	106	.27	.00
26	2,324.04	1,764.9	-5.2	365	2,934	0	0	63	.16	.00
27	2,323.65	1,759.7	-5.2	246	2,753	0	0	114	.29	.00
28	2,323.28	1,754.8	-4.9	152	2,540	0	0	98	.25	.00
29	2,322.93	1,750.1	-4.7	194	2,430	0	0	113	.29	.00
30	2,322.58	1,745.5	-4.6	254	2,481	0	0	113	.29	.00
31	2,322.10	1,739.1	-6.4	345	3,438	0	0	117	.30	.02
<b>TOTALS</b>			<b>-139.6</b>	<b>3,538</b>	<b>64,196</b>	<b>0</b>	<b>6,124</b>	<b>3,535</b>	<b>8.87</b>	<b>.08</b>
<b>ACRE-FEET</b>			<b>-139,600</b>	<b>7,018</b>	<b>127,333</b>	<b>0</b>	<b>12,147</b>	<b>7,012</b>		

COMMENTS:

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

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION
POWER	127,333	OUTLET	12,147	THIS MONTH =
SPILL	0	TOTAL	139,480	JULY 1, 2004 TO DATE =
				.08
				.08

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

AUGUST 2004

WHISKEYTOWN LAKE DAILY OPERATIONS

RUN DATE: December 28, 2004

DAY	ELEV	STORAGE 1000 ACRE-FEET IN LAKE	CHANGE	COMPUTED INFLOW C.F.S. *	FROM JUDGE FRANCIS CARR PP	CLEAR CR. NATURAL FLOW	RELEASE - C.F.S. — TO CLEAR CR — (1) OUTLETS	SPILL	TO SPRING CR. PP	EVAP. C.F.S. INCHES	PRECIP INCHES	
		237.8										
1	1,208.96	237.8	+0.0	2,316	2,233	83	75	0	2,231	26	.28	.00
2	1,208.99	237.9	+0.1	2,364	2,482	-118	75	0	2,237	4	.04	.00
3	1,209.04	238.0	+0.2	2,372	2,340	32	75	0	2,198	18	.19	.00
4	1,209.11	238.2	+0.2	2,442	2,455	-13	75	0	2,228	26	.28	.00
5	1,208.93	237.7	-0.6	1,844	1,831	13	75	0	2,035	23	.25	.00
6	1,208.99	237.9	+0.2	1,986	1,973	13	75	0	1,798	17	.18	.00
7	1,209.12	238.3	+0.4	2,090	2,078	12	75	0	1,780	25	.27	.00
8	1,209.07	238.1	-0.2	1,861	1,989	-128	75	0	1,840	27	.29	.00
9	1,209.03	238.0	-0.1	1,944	1,912	32	75	0	1,906	28	.30	.00
10	1,209.00	237.9	-0.1	1,822	1,916	-94	75	0	1,770	25	.27	.00
11	1,209.02	238.0	+0.1	1,978	1,995	-17	75	0	1,838	33	.35	.00
12	1,209.07	238.1	+0.2	1,971	1,969	2	75	0	1,787	28	.30	.00
13	1,209.10	238.2	+0.1	1,935	1,912	23	75	0	1,789	23	.25	.00
14	1,209.18	238.5	+0.3	2,023	2,050	-27	75	0	1,789	30	.32	.00
15	1,209.05	238.1	-0.4	1,658	1,682	-24	75	0	1,765	28	.30	.00
16	1,208.91	237.6	-0.4	1,322	1,338	-16	75	0	1,446	26	.28	.00
17	1,208.85	237.4	-0.2	15	110	-95	75	0	14	22	.23	.00
18	1,208.79	237.2	-0.2	15	110	-95	75	0	14	22	.24	.00
19	1,208.72	237.0	-0.2	4	110	-106	75	0	14	27	.29	.00
20	1,208.67	236.8	-0.2	35	111	-76	75	0	14	26	.28	.00
21	1,208.67	236.8	+0.0	1,052	1,100	-48	75	0	951	26	.28	.00
22	1,208.80	237.3	+0.4	2,060	2,054	6	75	0	1,752	25	.27	.00
23	1,209.10	238.2	+1.0	2,335	2,308	27	75	0	1,771	7	.07	.02
24	1,209.11	238.2	+0.0	1,860	1,899	-39	75	0	1,755	14	.15	.00
25	1,208.81	237.3	-1.0	1,205	1,202	3	75	0	1,591	21	.22	.00
26	1,208.99	237.9	+0.6	1,338	1,412	-74	75	0	965	10	.11	.00
27	1,209.02	238.0	+0.1	1,178	1,184	-6	75	0	1,022	33	.35	.00
28	1,209.05	238.1	+0.1	1,150	1,178	-28	75	0	998	29	.31	.00
29	1,209.05	238.1	+0.0	1,097	1,113	-16	75	0	993	29	.31	.00
30	1,209.16	238.4	+0.4	1,280	1,321	-41	75	0	1,005	23	.25	.00
31	1,209.14	238.3	-0.1	2,046	2,017	29	75	0	1,981	22	.23	.00
<b>TOTALS</b>			<b>+0.7</b>	<b>48,598</b>	<b>49,384</b>	<b>-786</b>	<b>2,325</b>	<b>0</b>	<b>45,277</b>	<b>723</b>	<b>7.74</b>	<b>.02</b>
<b>ACRE-FEET</b>			<b>+0.7</b>	<b>96,394</b>	<b>97,953</b>	<b>-1,559</b>	<b>4,612</b>	<b>0</b>	<b>89,807</b>	<b>1,434</b>		

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

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	89,807	OUTLET	4,612	THIS MONTH	.02
SPILL	0	TOTAL	94,419	JULY 1, 2004 TO DATE	.02



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

Table 6

AUGUST 2004

LEWISTON LAKE DAILY OPERATIONS

RUN DATE: September 30, 2004

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			JUDGE FRANCIS CARR POWERPLANT	EVAPORATION (2)	
		IN LAKE	CHANGE		POWER	RIVER OUTLETS (1)	SPILL		C.F.S.	INCHES
		13,941								
1	1,901.49	14,278	+337	2,860	80	40	330	2,233	7	.33
2	1,901.36	14,180	-98	2,890	80	40	330	2,482	7	.31
3	1,901.13	14,008	-172	2,710	80	40	330	2,340	7	.31
4	1,900.88	13,823	-185	2,818	80	40	330	2,455	6	.26
5	1,901.20	14,061	+238	2,423	80	40	345	1,831	7	.31
6	1,901.13	14,008	-53	2,403	80	40	332	1,973	5	.23
7	1,901.07	13,963	-45	2,519	80	40	338	2,078	6	.26
8	1,901.60	14,360	+397	2,666	80	40	350	1,989	7	.30
9	1,901.59	14,352	-8	2,392	80	40	357	1,912	7	.33
10	1,901.33	14,158	-194	2,294	80	40	349	1,916	7	.34
11	1,901.09	13,978	-180	2,388	80	40	357	1,995	7	.31
12	1,901.20	14,061	+83	2,507	80	40	369	1,969	7	.33
13	1,901.54	14,315	+254	2,576	80	40	409	1,912	7	.34
14	1,900.72	13,705	-610	2,237	53	40	394	2,050	8	.35
15	1,900.34	13,425	-280	1,999	0	40	410	1,682	8	.38
16	1,901.28	14,120	+695	2,144	37	40	373	1,338	6	.27
17	1,901.44	14,240	+120	708	80	40	412	110	6	.27
18	1,901.41	14,218	-22	647	80	40	422	110	6	.28
19	1,901.49	14,278	+60	577	80	40	312	110	5	.22
20	1,901.10	13,986	-292	402	80	40	312	111	6	.27
21	1,901.37	14,188	+202	1,641	80	40	312	1,100	7	.33
22	1,901.39	14,203	+15	2,596	80	40	407	2,054	7	.34
23	1,900.88	13,823	-380	3,642	80	40	1,402	2,308	4	.19
24	1,901.80	14,509	+686	3,807	80	40	1,438	1,899	4	.16
25	1,900.65	13,653	-856	2,287	80	40	1,391	1,202	6	.27
26	1,901.05	13,948	+295	3,130	26	40	1,500	1,412	3	.16
27	1,901.56	14,330	+382	2,913	43	40	1,447	1,184	6	.29
28	1,901.57	14,337	+7	2,742	80	40	1,434	1,178	6	.25
29	1,901.46	14,255	-82	2,548	80	40	1,350	1,113	6	.29
30	1,901.07	13,963	-292	2,618	80	40	1,318	1,321	6	.29
31	1,901.34	14,165	+202	3,556	80	40	1,310	2,017	7	.30
<b>TOTALS</b>			<b>+224</b>	<b>73,640</b>	<b>2,239</b>	<b>1,240</b>	<b>20,470</b>	<b>49,384</b>	<b>194</b>	<b>8.87</b>
<b>ACRE-FEET</b>			<b>+224</b>	<b>146,065</b>	<b>4,441</b>	<b>2,460</b>	<b>40,602</b>	<b>97,953</b>	<b>385</b>	

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

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

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

SUMMARY

	RELEASE (ACRE-FEET)		
TOTAL POWER	4,441	JUDGE FRANCIS CARR POWERPLANT	97,953
TOTAL RIVER	47,503	TOTAL RELEASE	145,456

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

**Table 7**

**AUGUST 2004**

**SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS**

RUN DATE: September 30, 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	
		979								
1	714.02	984	+5	3	0	0				
2	714.19	989	+5	3	0	0	1120	.28	.87	.001
3	714.36	995	+6	3	0	0				
4	714.53	1,000	+5	3	0	0				
5	714.67	1,004	+4	3	0	1				
6	714.83	1,010	+6	3	0	0				
7	714.97	1,014	+4	3	0	1				
8	715.12	1,019	+5	3	0	0				
9	715.33	1,026	+7	5	0	1	1015	.27	.83	.001
10	715.43	1,029	+3	2	0	0				
11	715.52	1,032	+3	3	0	1				
12	715.58	1,034	+2	1	0	0				
13	715.78	1,041	+7	4	0	0				
14	715.87	1,044	+3	2	0	0				
15	716.00	1,048	+4	2	0	0				
16	716.08	1,051	+3	2	0	0	0900	.28	.76	.001
17	716.30	1,058	+7	4	0	0				
18	716.36	1,060	+2	1	0	0				
19	716.39	1,061	+1	1	0	0				
20	716.45	1,063	+2	1	0	0				
21	716.50	1,065	+2	1	0	0				
22	716.54	1,066	+1	1	0	0				
23	716.65	1,069	+3	2	0	0	0855	.27	.75	.002
24	716.70	1,071	+2	1	0	0				
25	716.82	1,075	+4	2	0	0				
26	716.85	1,076	+1	1	0	0				
27	716.90	1,078	+2	1	0	0				
28	716.94	1,079	+1	1	0	0				
29	716.98	1,080	+1	1	0	0				
30	717.01	1,081	+1	1	0	0	0957	.26	.78	.001
31	717.04	1,082	+1	1	0	0				
<b>TOTALS</b>			<b>+103</b>	<b>65</b>	<b>0</b>	<b>4</b>				
<b>ACRE-FEET</b>			<b>+103</b>	<b>129</b>	<b>0</b>	<b>8</b>				

COMMENTS:

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

**SUMMARY**

RELEASE (ACRE-FEET)

SPILL	0
OUTLET	8
TOTAL	8

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

**AUGUST 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)
		22,670								
1	584.84	22,408	-262	14,176	2,231	11,389	14,301	0	0	7
2	584.13	21,970	-438	14,098	2,237	11,399	14,313	0	0	6
3	582.16	20,782	-1,188	13,226	2,198	10,448	13,820	0	0	5
4	583.27	21,447	+665	13,674	2,228	11,459	13,334	0	0	5
5	583.07	21,325	-122	13,224	2,035	10,754	12,879	400	0	7
6	583.59	21,641	+316	13,101	1,798	10,639	12,937	0	0	5
7	585.24	22,658	+1,017	12,948	1,780	10,687	12,429	0	0	6
8	586.12	23,211	+553	12,681	1,840	10,332	12,395	0	0	7
9	585.80	23,009	-202	12,338	1,906	9,995	12,433	0	0	7
10	584.92	22,458	-551	12,120	1,770	9,887	12,391	0	0	7
11	584.55	22,229	-229	11,862	1,838	9,550	11,970	0	0	7
12	584.19	22,007	-222	11,378	1,787	9,086	11,483	0	0	7
13	584.28	22,063	+56	10,994	1,789	8,722	10,959	0	0	7
14	583.89	21,823	-240	10,373	1,789	8,059	10,488	0	0	6
15	583.43	21,544	-279	10,300	1,765	7,904	10,435	0	0	6
16	586.14	23,224	+1,680	11,273	1,446	9,409	10,420	0	0	6
17	584.73	22,340	-884	10,001	14	9,330	10,441	0	0	6
18	585.65	22,915	+575	10,286	14	9,644	9,990	0	0	6
19	585.59	22,878	-37	9,485	14	8,814	9,497	0	0	7
20	585.37	22,739	-139	9,394	14	8,922	9,457	0	0	7
21	584.15	21,983	-756	9,035	951	7,940	9,410	0	0	6
22	582.42	20,937	-1,046	8,914	1,752	7,062	9,435	0	0	6
23	584.97	22,488	+1,551	10,055	1,771	8,084	9,269	0	0	4
24	584.12	21,964	-524	8,704	1,755	6,815	8,964	0	0	4
25	582.35	20,895	-1,069	8,858	1,591	7,287	9,392	0	0	5
26	582.33	20,883	-12	9,944	965	8,983	9,946	0	0	4
27	583.31	21,471	+588	10,221	1,022	9,115	9,919	0	0	6
28	584.43	22,155	+684	9,828	998	8,273	9,477	0	0	6
29	585.12	22,582	+427	9,646	993	8,500	9,425	0	0	6
30	583.97	21,872	-710	9,088	1,005	7,729	9,440	0	0	6
31	584.22	22,026	+154	9,027	1,981	6,815	8,942	0	0	7
<b>TOTALS</b>			<b>-644</b>	<b>340,252</b>	<b>45,277</b>	<b>283,032</b>	<b>339,991</b>	<b>400</b>	<b>0</b>	<b>187</b>
<b>ACRE-FEET</b>			<b>-644</b>	<b>674,890</b>	<b>89,807</b>	<b>561,394</b>	<b>674,372</b>	<b>793</b>	<b>0</b>	<b>371</b>

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

**SUMMARY**  
RELEASE (ACRE-FEET)

POWER	674,372
SPILL	793
FISH TRAP	0

AUGUST 2004

RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS

RUN DATE: September 30, 2004

DAY	ELEVATION	STORAGE		RELEASE C.F.S		RELEASE TO SACTO RIVER
		IN LAKE	ACRE-FEET CHANGE	CORNING CANAL	TEHAMA COLUSA CANAL	
		3,919				
1	252.54	3,943	+24	80	713	13,830
2	252.55	3,948	+5	56	545	13,350
3	252.54	3,943	-5	72	748	13,350
4	252.50	3,924	-19	72	666	12,750
5	252.53	3,938	+14	84	626	12,270
6	252.50	3,924	-14	97	713	12,030
7	252.54	3,943	+19	71	463	12,630
8	252.51	3,928	-15	67	567	11,310
9	252.50	3,924	-4	59	516	12,030
10	252.49	3,919	-5	75	695	11,550
11	252.52	3,933	+14	70	615	12,030
12	252.49	3,919	-14	70	590	11,430
13	252.50	3,924	+5	59	741	10,950
14	252.51	3,928	+4	68	689	9,390
15	252.53	3,938	+10	57	539	9,150
16	252.51	3,928	-10	44	554	9,030
17	252.47	3,909	-19	63	532	9,150
18	252.50	3,924	+15	76	537	9,150
19	252.54	3,943	+19	78	519	9,270
20	252.51	3,928	-15	77	590	8,430
21	252.50	3,924	-4	73	388	8,670
22	252.53	3,938	+14	72	438	9,030
23	252.49	3,919	-19	39	443	9,030
24	252.50	3,924	+5	69	445	9,270
25	252.51	3,928	+4	57	439	8,670
26	252.53	3,938	+10	68	451	9,750
27	252.51	3,928	-10	57	455	9,630
28	252.49	3,919	-9	61	448	9,510
29	252.44	3,894	-25	61	399	9,030
30	252.50	3,924	+30	49	383	9,290
31	252.51	3,928	+4	62	388	9,030
<b>TOTALS</b>			<b>+9</b>	<b>2,063</b>	<b>16,835</b>	<b>323,990</b>
<b>ACRE-FEET</b>			<b>+9</b>	<b>4,092</b>	<b>33,392</b>	<b>642,634</b>

**SUMMARY**

RELEASE (ACRE-FEET)

CORNING CANAL	4,092
TEHAMA-COLUSA CANAL	33,392
TO SACTO RIVER	642,634
<b>TOTAL</b>	<b>680,118</b>

DAILY OPERATION OF BLACK BUTTE RESERVOIR, STONY CREEK, CALIFORNIA

AUGUST 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	450.74	55596	-717	4	333	134	194	5	65	0.36	0	93743	136200
2	450.49	54939	-657	1	311	126	180	5	43	0.24	0	93586	136200
3	450.25	54313	-626	9	300	127	168	5	49	0.28	0	93500	136200
4	450.01	53691	-622	0	285	129	151	5	56	0.32	0	93486	136200
5	449.75	53023	-668	14	327	138	184	5	47	0.27	0	93461	136200
6	449.48	52336	-687	10	329	137	187	5	55	0.32	0	93342	136200
7	449.20	51630	-706	22	342	151	186	5	72	0.42	0	93274	136200
8	448.90	50880	-750	20	365	151	209	5	66	0.39	0	93223	136200
9	448.61	50162	-718	9	340	137	198	5	62	0.37	0	93130	136200
10	448.34	49499	-663	30	332	149	178	5	63	0.38	0	93050	136200
11	448.07	48842	-657	21	322	158	159	5	59	0.36	0	93016	136200
12	447.80	48190	-652	61	355	158	192	5	69	0.42	0	93016	136200
13	447.49	47448	-742	-15	326	133	188	5	65	0.40	0	92860	136200
14	447.22	46808	-640	15	308	136	167	5	58	0.36	0	92779	136200
15	446.96	46197	-611	15	298	126	167	5	49	0.31	0	92703	136200
16	446.71	45613	-584	17	283	134	144	5	57	0.36	0	92603	136200
17	446.45	45012	-601	22	300	147	148	5	49	0.31	0	92051	136200
18	446.31	44690	-322	170	304	145	154	5	56	0.36	0	91157	136200
19	446.26	44575	-115	289	319	148	166	5	55	0.35	0	90410	136200
20	446.20	44438	-137	307	347	145	197	5	58	0.37	0	89681	136200
21	446.13	44278	-160	303	352	151	196	5	62	0.40	0	88969	136200
22	446.06	44119	-159	286	354	153	196	5	25	0.16	0	88215	136200
23	446.00	43983	-136	315	364	146	213	5	39	0.25	0	87517	136200
24	445.96	43892	-91	317	339	132	202	5	48	0.31	0	86793	136200
25	445.95	43869	-23	312	300	128	167	5	46	0.30	0	86028	136200
26	445.92	43801	-68	267	268	115	148	5	66	0.43	0	86876	136200
27	445.92	43801	0	299	262	108	149	5	74	0.48	0	84450	136200
28	445.92	43801	0	341	307	138	164	5	68	0.44	0	83675	136200
29	445.92	43801	0	370	342	153	184	5	55	0.36	0	82926	136200
30	445.89	43733	-68	327	334	129	200	5	54	0.35	0	82926	136200
31	445.84	43620	-113	318	346	137	204	5	57	0.37	0	82337	136200
Totals	(sfd)			4476	9994	4299	5540	155					
Totals	(ac-ft)		-12693	8878	19823.1	8527.1			1747				
Totals	(inches)									10.8	0		

[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

AUGUST 2004

FOLSOM LAKE DAILY OPERATIONS

RUN DATE: September 30, 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	
		430.3									
1	406.89	427.1	-3.3	1,082	2,379	0	0	277	65	.27	.00
2	406.43	423.8	-3.3	1,068	2,403	0	0	263	63	.26	.00
3	406.16	421.8	-1.9	1,389	2,030	0	0	272	62	.26	.00
4	406.04	421.0	-0.9	1,920	2,034	0	0	258	62	.26	.00
5	405.98	420.5	-0.4	2,222	2,080	0	0	279	79	.33	.00
6	405.58	417.7	-2.8	1,001	2,075	0	0	273	81	.34	.00
7	405.42	416.6	-1.1	1,862	2,094	0	0	267	72	.30	.00
8	405.23	415.2	-1.3	1,888	2,220	0	0	271	76	.32	.00
9	404.98	413.5	-1.8	1,523	2,048	0	0	281	85	.36	.00
10	404.74	411.8	-1.7	1,405	1,903	0	0	287	62	.26	.00
11	404.58	410.7	-1.1	1,655	1,873	0	0	281	66	.28	.00
12	404.49	410.0	-0.6	2,088	2,042	0	0	279	85	.36	.00
13	404.28	408.6	-1.5	1,647	2,035	0	0	275	78	.33	.00
14	404.05	407.0	-1.6	1,532	2,020	0	0	251	73	.31	.00
15	403.70	404.5	-2.4	1,123	2,011	0	0	255	80	.34	.00
16	403.39	402.4	-2.1	1,241	1,986	0	0	257	79	.34	.00
17	403.26	401.5	-0.9	1,885	2,045	0	0	235	58	.25	.00
18	403.15	400.7	-0.8	1,973	2,034	0	0	262	61	.26	.00
19	403.00	399.7	-1.0	1,383	1,580	0	0	256	70	.30	.00
20	402.93	399.2	-0.5	1,663	1,567	0	0	265	72	.31	.00
21	402.93	399.2	+0.0	1,953	1,627	0	0	263	63	.27	.00
22	402.79	398.3	-1.0	1,404	1,572	0	0	244	70	.30	.00
23	402.57	396.7	-1.5	1,105	1,570	0	0	245	49	.21	.00
24	402.44	395.9	-0.9	1,402	1,583	0	0	242	25	.11	.00
25	402.25	394.6	-1.3	1,218	1,582	0	0	229	62	.27	.00
26	402.23	394.4	-0.1	1,866	1,629	0	0	246	60	.26	.00
27	402.07	393.3	-1.1	1,238	1,483	0	0	243	64	.28	.00
28	402.04	393.1	-0.2	1,826	1,629	0	0	236	64	.28	.00
29	401.84	391.8	-1.4	1,249	1,626	0	0	237	69	.30	.00
30	401.72	391.0	-0.8	1,437	1,536	0	0	241	69	.30	.00
31	401.58	390.0	-0.9	1,485	1,660	0	0	236	66	.29	.00
<b>TOTALS</b>			<b>-40.2</b>	<b>47,733</b>	<b>57,956</b>	<b>0</b>	<b>0</b>	<b>8,006</b>	<b>2,090</b>	<b>8.91</b>	<b>.00</b>
<b>ACRE-FEET</b>			<b>-40,200</b>	<b>94,678</b>	<b>114,956</b>	<b>0</b>	<b>0</b>	<b>15,880</b>	<b>4,146</b>		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	114,956	OUTLET	0	THIS MONTH =	.00
SPILL	0	TOTAL	130,836	JULY 1, 2004 TO DATE =	.00
PUMPING PLANT	15,880				

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

Table 12

AUGUST 2004

LAKE NATOMA DAILY OPERATIONS

RUN DATE: September 30, 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	123.66	8,252							
2	123.28	8,101	-151	2,493	50	2,456	0	60	3
3	123.04	7,923	-178	2,477	50	2,454	0	60	3
4	123.09	7,810	-113	2,124	50	2,068	0	60	3
5	123.09	7,833	+23	2,090	50	1,965	0	60	3
6	123.25	7,909	+76	2,116	50	1,964	0	60	4
7	123.38	7,970	+61	2,108	50	1,963	0	60	4
8	123.59	8,068	+98	2,128	50	1,965	0	60	4
9	124.31	8,416	+348	2,256	50	1,967	0	60	4
10	124.29	8,406	-10	2,075	45	1,970	0	60	5
11	123.96	8,242	-164	1,986	40	1,966	0	60	3
12	123.46	8,007	-235	1,953	40	1,967	0	60	4
13	123.56	8,054	+47	2,096	40	1,967	0	60	5
14	123.69	8,115	+61	2,103	40	1,968	0	60	4
15	123.76	8,148	+33	2,091	40	1,970	0	60	4
16	123.78	8,158	+10	2,079	40	1,970	0	60	4
17	123.69	8,115	-43	2,046	40	1,964	0	60	4
18	123.84	8,186	+71	2,121	43	1,979	0	60	3
19	123.73	8,134	-52	2,039	45	1,957	0	60	3
20	123.51	8,031	-103	1,626	45	1,569	0	60	4
21	123.51	8,031	+0	1,565	45	1,456	0	60	4
22	123.85	8,191	+160	1,646	45	1,457	0	60	3
23	123.91	8,219	+28	1,577	45	1,454	0	60	4
24	123.76	8,148	-71	1,532	45	1,460	0	60	3
25	123.79	8,162	+14	1,570	48	1,454	0	60	1
26	123.83	8,181	+19	1,580	50	1,457	0	60	3
27	123.98	8,252	+71	1,604	50	1,455	0	60	3
28	123.77	8,153	-99	1,528	50	1,464	0	60	4
29	124.01	8,266	+113	1,627	50	1,456	0	60	4
30	123.93	8,228	-38	1,547	50	1,452	0	60	4
31	123.77	8,153	-75	1,534	50	1,458	0	60	4
31	124.04	8,281	+128	1,638	50	1,459	0	60	4
<b>TOTALS</b>			<b>+29</b>	<b>58,955</b>	<b>1,436</b>	<b>55,531</b>	<b>0</b>	<b>1,860</b>	<b>112</b>
<b>ACRE-FEET</b>			<b>+29</b>	<b>116,937</b>	<b>2,848</b>	<b>110,146</b>	<b>0</b>	<b>3,689</b>	<b>222</b>

COMMENTS:

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

(1) INCHES OF EVAPORATION TAKEN FROM FOLSOM PAN.

SUMMARY

	RELEASES (ACRE-FEET)			RELEASES (ACRE-FEET)	
POWER	110,146	FOLSOM SOUTH CANAL	2,848	TOTAL	116,683
SPILL	0	HATCHERY	3,689		

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

Table 13

AUGUST 2004

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: September 30, 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		
		1,204.9									
1	968.90	1,202.5	-2.4	663	1,754	0	0	94	.36	.00	
2	968.62	1,200.3	-2.3	659	1,714	0	0	86	.33	.00	
3	968.30	1,197.7	-2.6	740	1,937	0	0	107	.41	.00	
4	968.07	1,195.8	-1.9	766	1,587	0	0	117	.45	.00	
5	967.77	1,193.4	-2.4	705	1,846	0	0	78	.30	.00	
6	967.42	1,190.6	-2.8	805	2,111	0	0	115	.44	.00	
7	967.09	1,187.9	-2.7	734	1,982	0	0	91	.35	.00	
8	966.74	1,185.1	-2.8	770	2,082	0	0	104	.40	.00	
9	966.40	1,182.4	-2.7	788	2,045	0	0	117	.45	.00	
10	966.17	1,180.5	-1.8	776	1,589	0	0	117	.45	.00	
11	965.91	1,178.5	-2.1	816	1,749	0	0	116	.45	.00	
12	965.64	1,176.3	-2.2	726	1,686	0	0	127	.49	.00	
13	965.30	1,173.6	-2.7	670	1,932	0	0	106	.41	.00	
14	964.98	1,171.0	-2.6	751	1,923	0	0	116	.45	.00	
15	964.61	1,168.1	-2.9	687	2,085	0	0	85	.33	.00	
16	964.30	1,165.6	-2.5	758	1,918	0	0	82	.32	.00	
17	964.04	1,163.6	-2.1	739	1,673	0	0	108	.42	.00	
18	963.69	1,160.8	-2.8	818	2,107	0	0	108	.42	.00	
19	963.57	1,159.8	-1.0	600	971	0	0	108	.42	.00	
20	963.35	1,158.1	-1.7	633	1,416	0	0	95	.37	.00	
21	963.10	1,156.1	-2.0	473	1,356	0	0	115	.45	.00	
22	962.85	1,154.2	-2.0	522	1,435	0	0	82	.32	.00	
23	962.69	1,152.9	-1.3	597	1,178	0	0	54	.21	.00	
24	962.48	1,151.2	-1.7	629	1,387	0	0	76	.30	.00	
25	962.46	1,151.1	-0.2	616	620	0	0	76	.30	.00	
26	962.28	1,149.7	-1.4	619	1,270	0	0	64	.25	.00	
27	962.12	1,148.4	-1.3	753	1,305	0	0	84	.33	.00	
28	961.91	1,146.7	-1.7	573	1,319	0	0	86	.34	.00	
29	961.63	1,144.6	-2.2	569	1,578	0	0	99	.39	.00	
30	961.35	1,142.4	-2.2	743	1,744	0	0	107	.42	.00	
31	961.17	1,140.9	-1.4	757	1,365	0	0	104	.41	.00	
<b>TOTALS</b>			<b>-64.4</b>	<b>21,455</b>	<b>50,664</b>	<b>0</b>	<b>0</b>	<b>3,024</b>	<b>11.74</b>	<b>.00</b>	
<b>ACRE-FEET</b>			<b>-64,400</b>	<b>42,556</b>	<b>100,492</b>	<b>0</b>	<b>0</b>	<b>5,998</b>			

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	100,492	OUTLET	0	THIS MONTH =	.00
SPILL	0	TOTAL	100,492	JULY 1, 2004 TO DATE =	.00



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

Table 14

AUGUST 2004

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: September 30, 2004

DAY	ELEV	STORAGE		TULLOCH	RIVER		RELEASE - C.F.S.	
		ACRE-FEET	CHANGE		RELEASE	OUTLET	SPILL	JOINT
		RES.					MAIN	MAIN
		546						
1	360.13	546	+0	1,934	0	329	1,131	411
2	360.11	545	-1	1,916	0	319	1,133	405
3	360.11	545	+0	1,901	0	306	1,126	416
4	360.11	545	+0	1,908	0	301	1,120	439
5	360.08	543	-2	1,936	0	293	1,121	455
6	360.11	545	+2	1,926	0	277	1,122	459
7	360.11	545	+0	1,930	0	275	1,123	460
8	360.11	545	+0	1,913	0	280	1,128	444
9	360.11	545	+0	1,883	0	278	1,137	429
10	360.11	545	+0	1,897	0	274	1,144	433
11	360.11	545	+0	1,938	0	273	1,152	443
12	360.11	545	+0	1,947	0	277	1,154	433
13	360.11	545	+0	1,951	0	278	1,164	441
14	360.11	545	+0	1,932	0	277	1,162	433
15	360.11	545	+0	1,889	0	275	1,151	419
16	360.11	545	+0	1,830	0	267	1,117	417
17	360.08	543	-2	1,683	0	253	977	417
18	360.08	543	+0	1,605	0	254	937	410
19	360.08	543	+0	1,574	0	252	974	392
20	360.11	545	+2	1,571	0	255	968	406
21	360.08	543	-2	1,590	0	255	950	436
22	360.08	543	+0	1,465	0	252	800	436
23	360.08	543	+0	1,467	0	254	599	436
24	360.08	543	+0	1,269	0	255	604	416
25	360.08	543	+0	1,350	0	263	721	393
26	360.11	545	+2	1,375	0	252	766	391
27	360.08	543	-2	1,379	0	255	766	391
28	360.11	545	+2	1,497	0	256	892	391
29	360.11	545	+0	1,562	0	258	967	391
30	360.11	545	+0	1,546	0	255	967	385
31	360.08	543	-2	1,503	0	252	968	354
<b>TOTALS</b>			<b>-3</b>	<b>53,067</b>	<b>0</b>	<b>8,400</b>	<b>31,041</b>	<b>12,982</b>
<b>ACRE-FEET</b>			<b>-3</b>	<b>105,258</b>	<b>0</b>	<b>16,661</b>	<b>61,570</b>	<b>25,750</b>

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

**SUMMARY**  
 RELEASE (ACRE-FEET)

JOINT MAIN CANAL	61,570	OUTLET	0
SOUTH MAIN CANAL	25,750	SPILL	16,661
		TOTAL	103,981

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

Table 15

AUGUST 2004

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: September 30, 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		
		250.0								
1	510.35	247.4	-2.6	1,463	803	1,675	0	239	36	.35
2	509.02	243.2	-4.2	1,007	775	2,098	0	237	30	.29
3	507.84	239.5	-3.7	1,129	440	2,292	0	241	29	.29
4	506.95	236.7	-2.8	1,555	282	2,397	0	242	36	.36
5	505.92	233.5	-3.2	1,444	277	2,495	0	242	39	.39
6	505.05	230.8	-2.7	1,500	340	2,226	0	242	42	.42
7	504.18	228.2	-2.7	1,111	361	1,797	0	241	51	.52
8	503.36	225.7	-2.5	1,033	318	1,695	0	239	34	.35
9	502.54	223.2	-2.5	1,185	298	1,850	0	239	43	.44
10	501.60	220.4	-2.8	1,165	298	2,010	0	238	37	.38
11	500.66	217.6	-2.8	1,281	307	2,108	0	238	34	.36
12	499.75	214.9	-2.7	1,308	315	2,063	0	238	43	.45
13	499.06	212.9	-2.0	1,457	315	1,887	0	237	37	.39
14	498.40	211.0	-1.9	1,198	325	1,563	0	237	40	.43
15	498.04	209.9	-1.0	1,539	265	1,520	0	237	44	.47
16	497.59	208.6	-1.3	1,673	228	1,823	0	236	40	.43
17	497.01	207.0	-1.7	1,540	227	1,884	0	235	36	.39
18	496.55	205.6	-1.3	1,533	248	1,684	0	234	29	.31
19	496.04	204.2	-1.5	1,303	272	1,492	0	234	39	.42
20	496.00	204.1	-0.1	1,772	308	1,248	0	234	39	.42
21	495.53	202.7	-1.3	917	301	1,027	0	234	26	.28
22	494.98	201.2	-1.6	853	290	1,087	0	234	26	.29
23	494.39	199.5	-1.7	920	289	1,213	0	233	20	.22
24	493.86	198.1	-1.5	1,098	316	1,274	0	233	23	.25
25	493.61	197.4	-0.7	1,495	258	1,306	0	257	24	.27
26	493.01	195.7	-1.7	1,059	252	1,328	0	290	31	.35
27	492.96	195.5	-0.1	1,756	325	1,178	0	290	33	.37
28	493.10	195.9	+0.4	1,828	333	970	0	290	39	.43
29	492.83	195.2	-0.7	1,293	321	1,021	0	290	38	.42
30	492.53	194.4	-0.8	1,485	320	1,278	0	269	35	.39
31	492.07	193.1	-1.3	1,382	319	1,428	0	241	34	.38
<b>TOTALS</b>			<b>-56.9</b>	<b>41,282</b>	<b>10,326</b>	<b>50,917</b>	<b>0</b>	<b>7,621</b>	<b>1,087</b>	<b>11.51</b>
<b>ACRE-FEET</b>			<b>-56,868</b>	<b>81,883</b>	<b>20,482</b>	<b>100,994</b>	<b>0</b>	<b>15,116</b>	<b>2,156</b>	<b>.00</b>

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
CANALS	RIVER		
FRIANT-KERN	AT FRIANT	THIS MONTH =	0.00
MADERA	TOTAL RELEASES	JULY 1, 2004 TO DATE =	0.08

Table 16

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

**August 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-Aug-04	19,808	199	0	267	1,071	1,043	1,100	21,345	4,200	6,677	4,335	244	50	110	11,315	10,717	5,830	5,996	5,830	51.4%	49.6%	48.2%	
2-Aug-04	19,402	200	0	256	1,100	1,042	1,120	20,958	4,200	6,398	4,272	243	74	101	10,940	10,837	5,817	5,967	5,824	50.6%	50.7%	49.1%	
3-Aug-04	19,085	200	0	251	1,140	1,051	1,105	20,676	4,150	6,830	4,410	241	12	97	11,566	10,974	4,961	5,890	5,536	54.3%	52.1%	50.2%	
4-Aug-04	19,407	201	0	250	1,076	1,068	1,102	20,934	4,150	7,177	4,516	249	39	101	12,004	11,201	4,781	5,751	5,347	55.7%	53.5%	51.7%	
5-Aug-04	19,170	202	0	238	1,090	1,083	1,099	20,700	4,100	7,170	4,488	240	51	102	11,949	11,530	4,651	5,573	5,208	56.1%	55.3%	53.6%	
6-Aug-04	19,210	203	0	224	1,090	1,094	1,098	20,727	4,100	5,677	4,432	258	74	111	10,404	11,153	6,222	5,481	5,377	48.4%	53.4%	52.0%	
7-Aug-04	19,109	203	0	224	1,092	1,096	1,096	20,628	4,050	5,670	4,438	306	50	113	10,477	10,625	6,101	5,480	5,480	48.8%	51.1%	49.6%	
8-Aug-04	18,935	204	0	236	1,082	1,098	1,098	20,457	4,050	5,679	4,423	252	50	112	10,416	10,107	5,991	5,503	5,544	49.1%	48.8%	47.4%	
9-Aug-04	18,605	204	0	246	1,117	1,094	1,100	20,172	4,000	5,675	4,403	257	0	111	10,446	10,096	5,726	5,490	5,564	50.0%	49.3%	47.8%	
10-Aug-04	18,429	204	0	251	1,109	1,088	1,093	19,993	4,000	5,780	4,433	254	58	109	10,518	10,131	5,475	5,564	5,555	50.8%	50.0%	48.3%	
11-Aug-04	18,355	204	0	253	1,037	1,078	1,087	19,849	3,950	5,773	4,484	249	57	110	10,560	10,183	5,339	5,644	5,536	51.4%	50.7%	48.8%	
12-Aug-04	18,261	204	0	261	1,021	1,058	1,075	19,747	3,950	5,775	4,427	248	54	109	10,505	10,224	5,292	5,735	5,515	51.4%	51.2%	49.2%	
13-Aug-04	18,037	204	0	258	950	1,039	1,066	19,449	3,900	6,621	4,408	245	49	116	11,342	10,496	4,207	5,447	5,415	56.5%	53.1%	50.9%	
14-Aug-04	18,122	204	0	249	956	1,029	1,063	19,531	3,850	7,143	4,446	244	38	120	11,914	10,940	3,767	5,114	5,297	59.1%	55.6%	53.5%	
15-Aug-04	17,946	204	0	254	1,015	1,031	1,067	19,419	3,850	6,629	4,481	246	38	117	11,435	11,243	4,134	4,849	5,220	57.0%	57.5%	55.4%	
16-Aug-04	18,022	204	0	259	1,130	1,042	1,075	19,615	3,800	6,882	4,450	243	74	112	11,614	11,344	4,201	4,631	5,156	57.4%	57.9%	56.1%	
17-Aug-04	17,696	204	0	257	1,187	1,053	1,077	19,344	3,800	7,024	4,450	247	36	121	11,806	11,306	3,738	4,383	5,073	59.1%	57.8%	56.2%	
18-Aug-04	17,388	204	0	259	1,113	1,064	1,078	18,964	3,750	5,671	4,450	249	30	111	10,451	10,976	4,763	4,300	5,055	53.2%	56.6%	54.9%	
19-Aug-04	17,433	204	0	256	1,096	1,079	1,077	18,989	3,700	7,177	4,450	246	51	99	11,921	11,074	3,368	4,025	4,966	61.0%	57.8%	55.8%	
20-Aug-04	17,266	204	0	249	1,054	1,087	1,073	18,773	3,700	7,178	4,450	244	75	122	11,919	11,125	3,154	3,875	4,876	61.5%	58.6%	56.4%	
21-Aug-04	17,046	204	0	233	1,013	1,095	1,073	18,496	3,650	7,177	4,434	241	50	118	11,921	11,622	2,925	3,755	4,783	62.5%	61.7%	59.3%	
22-Aug-04	16,661	204	0	228	1,069	1,106	1,079	18,162	3,600	7,179	4,430	239	40	116	11,924	11,616	2,638	3,541	4,685	63.7%	62.6%	59.8%	
23-Aug-04	16,741	204	0	221	1,207	1,125	1,090	18,373	3,600	7,169	4,414	255	51	109	11,896	11,601	2,877	3,352	4,607	62.8%	63.0%	60.2%	
24-Aug-04	17,232	204	0	220	1,325	1,152	1,099	18,981	3,550	7,142	4,422	255	43	97	11,873	11,585	3,558	3,326	4,563	60.7%	62.4%	60.4%	
25-Aug-04	17,424	204	0	222	1,301	1,176	1,105	19,151	3,500	7,165	4,443	248	49	99	11,905	11,585	3,746	3,181	4,530	60.4%	61.3%	60.5%	
26-Aug-04	17,880	204	0	215	1,263	1,204	1,111	19,562	3,450	6,619	4,418	236	36	106	11,343	11,403	4,769	3,381	4,540	56.2%	59.1%	59.6%	
27-Aug-04	17,968	204	0	202	1,247	1,228	1,114	19,621	3,450	6,988	4,394	259	25	111	11,727	11,342	4,444	3,565	4,536	57.9%	58.1%	59.3%	
28-Aug-04	17,181	204	0	201	1,186	1,250	1,117	18,772	3,400	7,058	4,401	261	25	113	11,809	11,293	3,563	3,656	4,501	60.9%	58.3%	59.2%	
29-Aug-04	16,849	204	0	212	1,221	1,260	1,123	18,486	3,350	7,170	4,396	245	13	118	11,917	11,469	3,219	3,739	4,457	62.5%	60.4%	60.4%	
30-Aug-04	16,612	204	0	224	1,274	1,270	1,132	18,314	3,300	7,159	4,353	222	64	114	11,785	11,513	3,229	3,790	4,416	62.5%	62.0%	60.9%	
31-Aug-04	16,248	204	0	250	1,397	1,267	1,137	18,099	3,250	6,372	4,341	211	40	120	11,005	11,264	3,844	3,831	4,398	59.0%	61.3%	59.8%	
Total	557,528	6,304	0	7,426	35,029	34,449	33,927	606,287	117,350	205,805	137,096	7,672	1,395	3,429	352,608	342,578	136,329	143,815	157,391	1751.7%	1740.6%	1694.4%	
Average	17,985	203	0	240	1,130	1,111	1,094	19,558	3,785	6,639	4,422	247	45	111	11,374	11,051	4,398	4,639		56.5%	56.1%	54.7%	

AUGUST 2004

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

RUN DATE: September 30, 2004

DAY	ELEV	STORAGE		SAN LUIS PUMPING C.F.S.	RELEASE - C.F.S.			GAIN(+) OR LOSS(-) C.F.S.	EVAPORATION		PRECIP INCHES
		ACRE-FEET IN LAKE	CHANGE		POWER	PACHECO TUNNEL	SPILL		C.F.S.	INCHES	
		492,864									
1	395.02	483,873	-8,991	184	4,295	308	0	-113	155	.62	.00
2	394.80	482,175	-1,698	1,765	1,877	330	0	-414	125	.50	.00
3	394.91	483,024	+849	1,689	1,132	332	0	+203	125	.50	.00
4	394.80	482,175	-849	0	0	345	0	-83	130	.52	.00
5	394.30	478,323	-3,852	426	1,934	342	0	-91	161	.65	.00
6	394.19	477,478	-845	0	0	308	0	-118	161	.65	.00
7	393.62	473,104	-4,374	0	1,888	325	0	+8	131	.53	.00
8	393.53	472,415	-689	0	0	290	0	-57	129	.52	.00
9	392.96	468,058	-4,357	0	1,888	324	0	+15	161	.65	.00
10	392.17	462,045	-6,013	0	2,196	337	0	-499	164	.67	.00
11	391.83	459,466	-2,579	0	875	341	0	-85	127	.52	.00
12	391.23	454,927	-4,539	0	1,884	333	0	-72	159	.65	.00
13	390.63	450,406	-4,521	0	1,864	365	0	-50	166	.68	.00
14	390.51	449,503	-903	0	0	306	0	-149	134	.55	.00
15	390.41	448,752	-751	0	0	282	0	-97	143	.59	.00
16	389.84	444,478	-4,274	0	1,799	327	0	-28	145	.60	.00
17	389.54	442,234	-2,244	0	555	313	0	-263	148	.61	.00
18	389.48	441,786	-448	0	0	332	0	+106	145	.60	.00
19	389.40	441,189	-597	2,277	1,852	321	0	-405	157	.65	.00
20	389.55	442,309	+1,120	740	0	265	0	+90	152	.63	.00
21	389.47	441,711	-598	0	0	286	0	-15	128	.53	.00
22	390.17	446,950	+5,239	3,662	0	265	0	-756	119	.49	.00
23	390.38	448,527	+1,577	1,357	0	208	0	-354	87	.36	.00
24	390.92	452,589	+4,062	2,529	0	290	0	-192	93	.38	.00
25	391.45	456,590	+4,001	2,714	0	284	0	-413	120	.49	.00
26	392.40	463,793	+7,203	4,196	0	242	0	-323	110	.45	.00
27	393.32	470,808	+7,015	4,242	0	288	0	-417	121	.49	.00
28	394.00	476,018	+5,210	3,089	0	291	0	-171	112	.45	.00
29	395.61	488,438	+12,420	7,042	0	247	0	-533	148	.59	.00
30	396.15	492,631	+4,193	2,724	0	262	0	-348	151	.60	.00
31	396.89	498,397	+5,766	3,560	0	281	0	-372	121	.48	.00
<b>TOTALS</b>			<b>+5,533</b>	<b>42,196</b>	<b>24,039</b>	<b>9,370</b>	<b>0</b>	<b>-5,996</b>	<b>4,228</b>	<b>17.20</b>	<b>.00</b>
<b>ACRE-FEET</b>			<b>+5,533</b>	<b>83,696</b>	<b>47,681</b>	<b>18,585</b>	<b>0</b>	<b>-11,893</b>	<b>8,386</b>		

**SUMMARY**

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	47,681	SPILL	0	THIS MONTH =	.00
PACHECO TUNNEL	18,585	TOTAL	66,266	JULY 1, 2004 TO DATE =	.00

AUGUST 2004

CONSOLIDATED STATE-FEDERAL O'NEILL FOREBAY  
DAILY OPERATIONS

RUN DATE: September 30, 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		
		45,577									
1	222.98	50,993	+5,416	546	4,295	6,055	0	184	7,809		-173
2	223.04	51,153	+160	603	1,877	6,653	0	1,765	7,857		+569
3	222.19	48,889	-2,264	584	1,132	6,837	0	1,689	8,341		+336
4	221.97	48,308	-581	800	0	7,068	0	0	8,097		-64
5	222.57	49,900	+1,592	763	1,934	6,632	0	426	8,148		+46
6	221.22	46,337	-3,563	595	0	5,436	0	0	7,920		+93
7	221.11	46,049	-288	549	1,888	5,058	0	0	7,770		+130
8	219.88	42,841	-3,208	768	0	5,694	0	0	8,387		+308
9	220.63	44,792	+1,951	891	1,888	5,246	0	0	7,307		+266
10	221.37	46,731	+1,939	755	2,196	5,446	0	0	7,598		+179
11	219.46	41,759	-4,972	522	875	5,100	0	0	9,135		+132
12	219.32	41,400	-359	514	1,884	5,395	0	0	8,045		+72
13	219.55	41,990	+590	527	1,864	5,802	0	0	8,000		+104
14	219.05	40,711	-1,279	579	0	6,722	0	0	8,084		+138
15	218.12	38,370	-2,341	787	0	6,618	0	0	8,566		-19
16	220.50	44,453	+6,083	868	1,799	6,616	0	0	6,236		+20
17	221.29	46,521	+2,068	683	555	6,819	0	0	7,028		+14
18	221.18	46,233	-288	674	0	5,752	0	0	6,765		+194
19	221.20	46,285	+52	703	1,852	6,341	0	2,277	6,982		+389
20	221.42	46,863	+578	713	0	6,611	0	740	6,628		+336
21	222.03	48,464	+1,601	1,089	0	5,482	0	0	7,197		+1,432
22	220.50	44,453	-4,011	1,567	0	6,492	0	3,662	7,524		+1,105
23	221.30	46,547	+2,094	1,916	0	6,490	0	1,357	6,293		+300
24	222.10	48,650	+2,103	1,825	0	7,107	0	2,529	5,664		+322
25	222.61	50,006	+1,356	1,749	0	6,743	0	2,714	5,475		+381
26	222.14	48,756	-1,250	1,828	0	6,725	0	4,196	5,377		+390
27	222.41	49,474	+718	2,098	0	6,462	0	4,242	4,327		+371
28	223.12	51,367	+1,893	2,272	0	6,739	0	3,089	5,089		+122
29	221.28	46,495	-4,872	2,180	0	6,827	0	7,042	4,730		+309
30	222.43	49,527	+3,032	2,175	0	6,489	0	2,724	4,778		+368
31	222.90	50,779	+1,252	2,157	0	6,402	0	3,560	4,841		+1,078
<b>TOTALS</b>			<b>+5,202</b>	<b>34,280</b>	<b>24,039</b>	<b>193,859</b>	<b>0</b>	<b>42,196</b>	<b>215,998</b>		<b>+9,248</b>
<b>ACRE-FEET</b>			<b>+5,202</b>	<b>67,994</b>	<b>47,681</b>	<b>384,519</b>	<b>0</b>	<b>83,696</b>	<b>428,432</b>	<b>1,201</b>	<b>18,343</b>

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

SUMMARY  
RELEASE (ACRE-FEET)

O'NEILL GEN.	0	DOS AMIGOS PUMP	428,432		
SAN LUIS PUMP	83,696	DELIVERIES	1,201	TOTAL	513,329

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

Table 19

AUGUST 2004

FEDERAL-STATE OPERATIONS  
SAN LUIS UNIT

RUN DATE: September 30, 2004

DAY	AQUEDUCT CHECK 12			O'NEILL				SAN LUIS						PACHECO PUMP	DOS AMIGOS		
	STATE	FED	TOTAL	PUMPING		GENER	TOTAL	FED	STATE	TOTAL	GENERATION				FED	STATE	TOTAL
1	9,030	2,980	12,010	1,083	0	1,083	0	0	364	364	0	8,519	8,519	611	4,054	11,435	15,489
2	10,216	2,980	13,196	1,197	0	1,197	0	0	3,501	3,501	4,061	-337	3,724	654	4,127	11,457	15,584
3	11,770	1,791	13,561	1,158	0	1,158	0	0	3,350	3,350	0	2,246	2,246	658	4,065	12,480	16,545
4	12,228	1,791	14,019	1,587	0	1,587	0	0	0	0	0	0	0	685	2,876	13,185	16,061
5	11,364	1,791	13,155	1,514	0	1,514	0	827	17	844	0	3,837	3,837	678	2,914	13,247	16,161
6	10,783	0	10,783	1,180	0	1,180	0	0	0	0	0	0	0	611	5,690	10,020	15,710
7	10,032	0	10,032	1,089	0	1,089	0	0	0	0	3,666	78	3,744	645	4,438	10,973	15,411
8	11,294	0	11,294	1,523	0	1,523	0	0	0	0	0	0	0	576	4,481	12,154	16,635
9	10,406	0	10,406	1,767	0	1,767	0	0	0	0	3,673	71	3,744	643	4,429	10,064	14,493
10	10,802	0	10,802	1,497	0	1,497	0	0	0	0	3,758	597	4,355	669	4,130	10,941	15,071
11	10,116	0	10,116	1,036	0	1,036	0	0	0	0	0	1,735	1,735	676	4,157	13,963	18,120
12	10,700	0	10,700	1,020	0	1,020	0	0	0	0	3,929	-193	3,736	661	4,102	11,855	15,957
13	10,515	993	11,508	1,045	0	1,045	0	0	0	0	3,883	-185	3,698	723	2,050	13,818	15,868
14	12,341	993	13,334	1,148	0	1,148	0	0	0	0	0	0	0	607	2,009	14,026	16,035
15	12,134	993	13,127	1,561	0	1,561	0	0	0	0	0	0	0	559	1,924	15,067	16,991
16	12,129	993	13,122	1,722	0	1,722	0	0	0	0	0	3,569	3,569	649	2,023	10,346	12,369
17	12,533	993	13,526	1,354	0	1,354	0	0	0	0	0	1,101	1,101	621	2,030	11,911	13,941
18	11,410	0	11,410	1,337	0	1,337	0	0	0	0	0	0	0	658	2,046	11,373	13,419
19	12,577	0	12,577	1,395	0	1,395	0	0	4,516	4,516	3,813	-140	3,673	637	4,845	9,003	13,848
20	11,523	1,589	13,112	1,415	0	1,415	0	0	1,468	1,468	0	0	0	526	4,899	8,248	13,147
21	9,285	1,589	10,874	2,161	0	2,161	0	0	0	0	0	0	0	568	4,816	9,459	14,275
22	11,288	1,589	12,877	3,109	0	3,109	0	0	7,264	7,264	0	0	0	526	4,850	10,074	14,924
23	11,283	1,589	12,872	3,801	0	3,801	0	1,245	1,446	2,691	0	0	0	412	4,838	7,645	12,483
24	12,507	1,589	14,096	3,620	0	3,620	0	3,269	1,748	5,017	0	0	0	575	4,962	6,272	11,234
25	11,886	1,488	13,374	3,469	0	3,469	0	2,554	2,829	5,383	0	0	0	563	5,036	5,823	10,859
26	11,852	1,488	13,340	3,625	0	3,625	0	0	8,323	8,323	0	0	0	480	5,015	5,650	10,665
27	11,330	1,488	12,818	4,162	0	4,162	0	0	8,414	8,414	0	0	0	572	4,945	3,638	8,583
28	11,879	1,488	13,367	4,507	0	4,507	0	0	6,128	6,128	0	0	0	578	4,755	5,340	10,095
29	12,251	1,290	13,541	4,324	0	4,324	0	8,587	5,380	13,967	0	0	0	489	1,013	8,369	9,382
30	11,779	1,091	12,870	4,314	0	4,314	0	3,216	2,187	5,403	0	0	0	519	1,030	8,448	9,478
31	11,716	983	12,699	4,278	0	4,278	0	3,202	3,859	7,061	0	0	0	557	1,044	8,558	9,602
<b>TOTAL</b>	<b>384,518</b>	<b>33,559</b>	<b>418,077</b>	<b>67,998</b>	<b>0</b>	<b>67,998</b>	<b>0</b>	<b>83,694</b>	<b>22,900</b>	<b>106,594</b>	<b>47,681</b>	<b>26,783</b>	<b>74,464</b>	<b>18,586</b>	<b>428,435</b>	<b>113,593</b>	<b>314,842</b>
<b>FEDERAL</b>	<b>384,518</b>	<b>33,559</b>	<b>418,077</b>	<b>67,998</b>	<b>0</b>	<b>67,998</b>	<b>0</b>	<b>83,694</b>	<b>22,900</b>	<b>106,594</b>	<b>47,681</b>	<b>26,783</b>	<b>74,464</b>	<b>18,586</b>	<b>428,435</b>	<b>113,593</b>	<b>314,842</b>
<b>STATE</b>	<b>350,959</b>	<b>0</b>	<b>350,959</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,794</b>	<b>20,898</b>	<b>81,692</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,541</b>	<b>21,541</b>	<b>21,541</b>

COMMENTS: ALL VALUES IN ACRE-FEET

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

Table 20

AUGUST 2004

FEDERAL-STATE OPERATIONS

RUN DATE: September 30, 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	8,599	0	8,599	13,243	10,098	2,980	13,078	0	0	100	10,642	0	10,642	7,516	
2	8,474	0	8,474	12,690	10,921	2,980	13,901	0	0	146	10,243	0	10,243	7,277	
3	8,747	0	8,747	13,548	11,190	1,791	14,170	1,189	1,152	24	11,563	0	11,563	7,589	
4	8,957	0	8,957	14,236	11,716	1,791	14,696	1,189	1,152	78	10,837	0	10,837	7,370	
5	8,902	0	8,902	14,221	10,602	1,791	13,582	1,189	1,152	101	11,166	0	11,166	7,388	
6	8,791	0	8,791	11,261	10,857	0	10,857	0	1,254	146	10,771	0	10,771	7,611	
7	8,802	0	8,802	11,247	10,867	0	10,867	0	1,254	100	10,821	0	10,821	7,713	
8	8,774	0	8,774	11,265	10,993	0	10,993	0	1,254	100	11,486	0	11,486	7,251	
9	8,734	0	8,734	11,256	10,997	0	10,997	0	1,254	0	10,413	0	10,413	6,967	
10	8,793	0	8,793	11,464	11,522	0	11,522	0	0	115	10,713	0	10,713	7,296	
11	8,894	0	8,894	11,451	10,821	0	10,821	0	0	113	11,056	0	11,056	7,858	
12	8,780	0	8,780	11,455	11,132	0	11,132	0	0	107	11,213	0	11,213	7,760	
13	8,744	0	8,744	13,133	11,742	993	12,735	0	0	97	10,296	0	10,296	7,699	
14	8,818	0	8,818	14,168	11,443	993	13,726	1,290	0	75	11,969	0	11,969	7,670	
15	8,889	0	8,889	13,149	11,610	993	13,893	1,290	0	75	11,964	0	11,964	7,328	
16	8,827	0	8,827	13,651	11,481	993	13,764	1,290	0	146	9,182	0	9,182	7,105	
17	8,827	0	8,827	13,933	11,599	993	13,882	1,290	0	72	9,317	0	9,317	7,473	
18	8,827	0	8,827	11,248	11,577	0	11,577	0	1,254	59	9,604	0	9,604	7,490	
19	8,827	0	8,827	14,235	13,918	0	13,918	0	1,254	101	9,906	0	9,906	7,432	
20	8,827	0	8,827	14,237	11,060	1,589	13,939	1,290	1,254	148	10,409	0	10,409	7,412	
21	8,795	0	8,795	14,236	10,804	1,589	13,683	1,290	1,254	100	11,038	0	11,038	6,634	
22	8,787	0	8,787	14,240	10,807	1,589	13,686	1,290	1,254	80	11,445	0	11,445	5,678	
23	8,755	0	8,755	14,220	10,852	1,589	13,731	1,290	1,254	101	9,112	0	9,112	4,954	
24	8,771	0	8,771	14,166	11,030	1,589	13,909	1,290	1,254	85	8,723	0	8,723	5,151	
25	8,813	0	8,813	14,211	11,206	1,488	13,984	1,290	1,254	97	9,538	0	9,538	5,344	
26	8,764	0	8,764	13,129	11,228	1,488	14,006	1,290	1,254	72	8,229	0	8,229	5,139	
27	8,716	0	8,716	13,860	12,067	1,488	14,026	471	435	49	7,847	0	7,847	4,554	
28	8,730	0	8,730	14,000	11,971	1,488	13,930	471	435	49	8,894	0	8,894	4,223	
29	8,720	0	8,720	14,222	11,265	1,290	13,744	1,189	435	25	8,090	0	8,090	4,396	
30	8,635	0	8,635	14,200	11,254	1,091	13,534	1,189	435	127	7,285	0	7,285	4,321	
31	8,611	0	8,611	12,639	10,949	983	13,121	1,189	43	79	8,216	0	8,216	4,333	
<b>TOTALS</b>	<b>271,930</b>	<b>0</b>	<b>271,930</b>	<b>408,214</b>	<b>349,579</b>	<b>33,559</b>	<b>405,404</b>	<b>22,266</b>	<b>21,541</b>	<b>2,767</b>	<b>311,988</b>	<b>0</b>	<b>311,988</b>	<b>203,932</b>	

COMMENTS: ALL VALUES IN ACRE-FEET

- FED BANKS: 08/01/04 - 1,010 AF is EWA (Yuba transfer) and 1,970 AF is CVP replacement for Jones Track Levee Break decrease pumping at Tracy in June 2004.
- FED BANKS: 08/02/04 - 1,010 AF is EWA (Yuba transfer) and 1,970 AF is CVP replacement for Jones Track Levee Break decrease pumping at Tracy in June 2004.
- FED BANKS: 08/03/04 - 1,010 AF is EWA (Yuba transfer) and 781 AF is CVP replacement for Jones Track Levee Break decrease pumping at Tracy in June 2004 .
- FED BANKS: 08/04/04 - 1,010 AF is EWA (Yuba transfer) and 781 AF is CVP replacement for Jones Track Levee Break decrease pumping at Tracy in June 2004.
- FED BANKS: 08/05/04 - 1,010 AF is EWA (Yuba transfer) and 781 AF is CVP replacement for Jones Track Levee Break decrease pumping at Tracy in June 2004.
- FED BANKS: 08/13/04 - 993 AF is EWA (Yuba transfer) .
- FED BANKS: 08/14/04 - 993 AF is EWA (Yuba transfer) .
- FED BANKS: 08/15/04 - 993 AF is EWA (Yuba transfer) .
- FED BANKS: 08/16/04 - 993 AF is EWA (Yuba transfer) .
- FED BANKS: 08/17/04 - 993 AF is EWA (Yuba transfer) .
- FED BANKS: 08/20/04 - 994 AF is EWA (Yuba transfer) and 595 AF Recirculation Pilot Study.
- FED BANKS: 08/21/04 - 994 AF is EWA (Yuba transfer) and 595 AF Recirculation Pilot Study.
- FED BANKS: 08/22/04 - 994 AF is EWA (Yuba transfer) and 595 AF Recirculation Pilot Study.
- FED BANKS: 08/23/04 - 994 AF is EWA (Yuba transfer) and 595 AF Recirculation Pilot Study.
- FED BANKS: 08/24/04 - 994 AF is EWA (Yuba transfer) and 595 AF Recirculation Pilot Study.
- FED BANKS: 08/25/04 - 994 AF is EWA (Yuba transfer) and 494 AF Recirculation Pilot Study.
- FED BANKS: 08/26/04 - 994 AF is EWA (Yuba transfer) and 494 AF Recirculation Pilot Study.
- FED BANKS: 08/27/04 - 994 AF is EWA (Yuba transfer) and 494 AF Recirculation Pilot Study.
- FED BANKS: 08/28/04 - 994 AF is EWA (Yuba transfer) and 494 AF Recirculation Pilot Study.
- FED BANKS: 08/29/04 - 796 AF is EWA (Yuba transfer) and 494 AF Recirculation Pilot Study.
- FED BANKS: 08/30/04 - 597 AF is EWA (Yuba transfer) and 494 AF Recirculation Pilot Study.

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

**Table 20**

**AUGUST 2004**

**FEDERAL-STATE OPERATIONS**

RUN DATE: September 30, 2004

FED BANKS: 08/31/04 - 524 AF is EWA (Yuba transfer) and 459 AF Recirculation Pilot Study.  
Aug 2004 Total EWA (Yuba Transfer) water is 20,878 AF.  
Aug 2004 Total CVP Replacement pumping is 6,283 AF.  
Aug 2004 Total Recirculation Pilot Study is 6,398 AF.



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
<b>CANALS</b>													
Contra Costa	1861	10004	4376	19245	6627	17060	19066	15217					93456
Delta-Mendota	267478	277823	254201	116166	58984	215762	268484	271930					1730828
Actual Fed Dos Amigos	67746	59329	90995	115315	166065	216932	189190	103082					1008654
Madera	0	0	14789	32811	29078	49887	50183	20482					197230
Friant-Kern	6389	20089	42538	69060	110743	168280	148973	100994					667066
Corning	0	97	180	1593	2650	4090	4550	4092					17252
Folsom-South	2291	1626	1966	24334	2773	2785	2924	2848					41547
Tehama-Colusa	149	1896	4941	16201	46077	62258	56224	33392					221138
<b>CACHUMA PROJECT</b>													
Tecolote Tunnel	1861	2087	1989	3217	3422	3047	3632	3270					22525
<b>KLAMATH PROJECT</b>													
"A" Canal Upper Klamath	0	40690	0	25620	38160	41180	NA	NA					145650
Klamath Drainage District	9430	11060	7370	5400	5780	11020	NA	NA					50060
Clear Lake Reservoir	0	0	0	480	3500	3750	NA	NA					7730
Gerber Reservoir	0	0	0	860	2980	3660	NA	NA					7500
Klamath River to Lost River	0	0	0	0	5310	7220	NA	NA					12530
<b>ORLAND PROJECT</b>													
Stony Creek	0	0	1434	13423	16378	17203	NA	17141					65579
South Canal	0	0	1212	9442	11120	5482	NA	11446					38702
North Canal	0	0	222	3981	5258	11721	NA	5695					26877
<b>SOLANO PROJECT</b>													
Putah South Canal	3160	3174	7857	24328	30830	34858	36669	29171					170047

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
Arvin-Edison WSD	2005	2918	10918	6146	0	0	0	1072					23059
Atwell Island WD	0	0	0	0	0	0	0	0					0
Delano-Earlimart ID	207	1111	5675	15753	20668	25663	24682	13162					106921
Exeter ID	3	5	144	708	1559	1990	2347	2340					9096
City of Fresno	0	269	22	87	7856	22464	22852	1693					55243
County of Fresno SA #34	3	4	20	30	40	86	94	84					361
Fresno ID	0	0	0	3750	7856	0	0	0					11606
Garfield WD	0	26	65	322	468	478	514	424					2297
Hills Valley ID	0	0	102	440	670	828	863	795					3698
International WD	0	0	0	16	176	257	410	287					1146
Ivanhoe ID	0	0	0	242	699	1133	1604	1247					4925
Kaweah Delta WCD	0	0	0	0	0	0	0	0					0
Kern County Water Agency	0	0	0	0	0	0	0	0					0
Kern-Tulare WD	273	258	1364	2585	4323	5080	5313	4963					24159
Kings County WD	0	0	0	0	0	0	0	0					0
Kings River CD	0	0	0	0	0	0	0	0					0
Lewis Creek WD	0	0	0	21	75	81	87	166					430
Lindmore ID	0	0	841	2621	5445	7291	8298	6756					31252
City of Lindsay	151	143	200	222	276	240	264	249					1745
Lindsay-Strathmore ID	0	102	76	347	3065	3485	4209	4134					15418
Wutchumna (Lindsey-Strathmore non-proje	159	33	572	1794	0	0	0	0					2558
Lower Tule River ID	0	0	0	0	13984	23122	19134	15232					71472
North-Kern WSD	0	0	0	0	0	0	0	0					0
City of Orange Cove	80	88	117	171	197	214	243	247					1357
Orange Cove ID	0	10	573	2652	4278	5306	6235	6075					25129
Pixley ID	0	0	0	0	3528	6399	182	0					10109
Porterville ID	0	0	840	1520	2218	3094	3428	2263					13363
Rag Gulch WD	0	46	188	1136	1755	2025	1772	1580					8502
Rosedale Rio Bravo WSD	0	0	0	0	0	0	0	0					0
Saucelito ID	0	271	1918	4311	4123	4445	4479	3295					22842
Semitropic WSD	0	0	0	0	0	0	0	0					0
Shafter Wasco ID	869	6224	5895	6888	9101	8101	7915	3625					48618
Southern San Joaquin MUD	726	3537	8409	12668	16834	16306	16243	11801					86524
Smallwood Vineyards	0	0	7	70	103	107	120	31					438
Stone Corral ID	18	16	229	749	1297	1750	1830	1426					7315
Strathmore PUD	35	32	44	56	57	47	51	42					364
Styro Tek, Inc.	0	1	1	0	1	0	1	1					5
Tea Pot Dome WD	0	0	127	544	864	1068	1191	1171					4965
Terra Bella ID	64	50	430	1695	2515	2949	3411	3340					14454
Tri-Valley WD	0	0	5	48	170	242	315	346					1126
Tulare ID	0	0	0	0	0	24373	8523	6562					39458
Tulare Lake Basin WSD	0	0	0	0	0	0	0	0					0
<b>Total</b>	<b>4593</b>	<b>15144</b>	<b>38782</b>	<b>67592</b>	<b>114201</b>	<b>168624</b>	<b>146610</b>	<b>94409</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>649955</b>

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

**Table 23**

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

**Madera Canal and Millerton Lake  
 2004**

Monthly Deliveries in AF

Water Users	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>MADERA CANAL</b>													
Chowchilla WD	0	0	0	0	0	20880	26297	2648					49825
Madera ID	0	0	0	22969	27634	26701	24334	17342					118980
Soquel	0	0	0	0	0	0	0	0					0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22969</b>	<b>27634</b>	<b>47581</b>	<b>50631</b>	<b>19990</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>168805</b>
<b>MILLERTON LAKE</b>													
County of Madera	2	2	3	6	6	7	8	7					41
Fresno County # 18	6	6	8	16	19	20	26	22					123
Gravelly Ford WD	0	0	996	2419	1556	1495	623	1065					8154
<b>Total</b>	<b>8</b>	<b>8</b>	<b>1007</b>	<b>2441</b>	<b>1581</b>	<b>1522</b>	<b>657</b>	<b>1094</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8318</b>

\* 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					3747
Hughes, Melvin	0	0	36	0	5	28	26	26					121
James ID	458	5378	3758	468	3295	7199	7813	7057					35426
Laguna WD	0	0	0	0	0	0	0	0					0
Coelho-Gardner-Hanson	0	162	465	319	258	567	485	368					2624
Mid-Valley WD (no contract)	0	0	0	0	0	0	0	0					0
Reclamation 1606	0	86	0	0	95	120	86	113					500
Terra Linda (Goodman)	77	1092	173	343	1017	1714	1882	1550					7848
Tranquility ID	0	4383	1898	1427	4425	5547	5779	4564					28023
Wilson, JW (no contract)	0	119	62	0	52	180	225	176					814
<b>Total</b>	<b>535</b>	<b>11694</b>	<b>6746</b>	<b>2878</b>	<b>9752</b>	<b>15938</b>	<b>17164</b>	<b>14396</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>79103</b>
<b>Exchange Contractors</b>													
Central California ID	0	29161	34759	32744	57347	61047	76507	61047					352612
Columbia Canal Co	0	3013	6286	5671	6444	9142	9975	8807					49338
Firebaugh Canal Co	101	4528	2142	2284	3590	3932	5718	3589					25884
San Luis Canal Co	0	3019	13818	11468	15999	27110	27260	20031					118705
<b>Total</b>	<b>101</b>	<b>39721</b>	<b>57005</b>	<b>52167</b>	<b>83380</b>	<b>101231</b>	<b>119460</b>	<b>93474</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>546539</b>
Grassland WD - 76.05L CCID #1-07-20-W1754	7379	3953	1700	3570	9906	6588	2397	12440					47933
US F&WS - Kesterson #00-WC-20-1647	6396	13443	0	1894	2394	4615	5184	0					33926
State F&WS - DWR #00-WC-20-1647 Kern National Wildlife	1355	870	970	0	0	468	0	1317					4980
State F&G - Water Fowl Dist #1-07-20-W19756	3932	1797	883	903	1665	1292	1915	3908					16295
DFG Traction Ranch - Mendota Pool #14-06-200-7859Z	687	348	406	398	762	956	765	765					5087
<b>Total</b>	<b>19749</b>	<b>20411</b>	<b>3959</b>	<b>6765</b>	<b>14727</b>	<b>13919</b>	<b>10261</b>	<b>18430</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>108221</b>

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					2689
Broadview WD	1069	2348	633	384	844	3660	2933	1806					13677
CCID (Abv CK 13)	393	472	1819	1836	2043	1834	1900	1775					12072
CCID (Blw CK 13)	1868	623	6770	4524	15407	17767	26247	11243					84449
Centinella WD	0	0	0	0	0	0	0	0					0
China Island (76.05)	0	168	317	415	0	0	532	446					1878
Del Puerto WD	43	321	4653	11829	14555	15406	17831	12283					76921
DWR Intertie @MP7.70-R	0	0	0	0	0	0	0	0					0
Eagle Field WD	162	416	81	225	0	604	628	606					2722
Firebaugh Canal	101	1940	821	1836	3525	8318	8230	5495					30266
Frietas Unit (76.05L)	0	569	25	0	0	0	0	0					594
Mercy Springs WD	37	144	38	163	153	312	357	311					1515
Newman Wasteway Recirculation	0	0	0	0	0	0	0	6269					6269
Oro Loma WD	47	505	0	80	418	404	567	344					2365
Panoche WD - Ag	284	453	135	288	615	1135	927	835					4672
Panoche WD - M&I	2	3	2	3	2	3	2	2					19
Patterson WD	0	131	1057	440	695	558	1176	999					5056
Plainview WD	0	17	57	414	507	593	511	404					2503
Salt Slough Unit (76.05L)	1009	0	701	250	0	651	663	0					3274
San Luis WD - Ag	254	1238	457	523	1554	2473	2522	1506					10527
San Luis WD - M&I	1	1	2	12	23	26	41	34					140
Tracy, City of	0	447	649	1226	1296	1245	1260	1305					7428
West Side ID	0	0	0	0	40	58	150	22					270
Widren	0	13	69	140	30	53	23	0					328
W. Stanislaus ID	64	319	2145 *	4144	4471	4749	7873	4835					28600
F&G - Los Banos Ref. 76.05L	1027	0	860	612	554	850	540	0					4443
Volta Wildlife Mgmt Area (F&G)	38	245	0	206	244	281	228	2240					3482
Grasslands WD -76.05L	6638	3623	1700	3428	8410	5002	1420	9807					40028
Grasslands WD - Volta	215	571	0	2217	4181	1725	1403	2692					13004
F&W (Volta) Santa Fee Kest.	0	569	0	522	456	0	0	278					1825
F&W - Kesterson 76.05L	0	0	0	0	0	0	0	0					0
<b>Total DMC Deliveries</b>	<b>13252</b>	<b>15136</b>	<b>23292</b>	<b>36066</b>	<b>60692</b>	<b>68007</b>	<b>79034</b>	<b>65537</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>361016</b>
Oneill Net Pumped	218374	130378	147335	8908	(109015)	1889	15431	67998					481298
DMC plus Oneill	231626	145514	170627	44974	(48323)	69896	94465	133535	0	0	0	0	842314

Data supplied by San Luis Delta-Mendota Water Authority

\* West Stanislaus total includes 761 AF reschedules 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
<b>SAN LUIS CANAL</b>													
City of Avenal	182	168	204	225	266	271	303	289					1908
Broadview WD	2	0	0	2	1	3	2	2					12
City of Coalinga	325	343	405	578	761	852	1146	1123					5533
City of Dos Palos	69	68	93	127	161	173	194	179					1064
City of Huron	48	47	69	77	113	120	141	126					741
Lemore N.A.S.	0	0	147	254	398	399	435	401					2034
Pacheco WD	1	2	1	101	29	2321	2992	1725					7172
Pacheco CCID Non-project (Hamburg)	329	724	885	1438	2207	0	0	0					5583
Panoche WD	4250	4383	3534	3809	6957	13153	11650	6501					54237
San Luis WD	2383	5047	5261	6667	10311	13435	12331	6961					62396
Westlands WD (Federal)	60726	51482	82863	103574	146551	190101	164745	95799					895841
Fish & Game (Lateral 4 - Federal )	1	0	1	1	0	0	1	0					4
Fish & Game (Lateral 6 - Federal)	0	0	0	0	0	0	0	0					0
<b>Total</b>	<b>68316</b>	<b>62264</b>	<b>93463</b>	<b>116853</b>	<b>167755</b>	<b>220828</b>	<b>193940</b>	<b>113106</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1036525</b>
<b>O'NEILL FOREBAY DELIVERIES</b>													
Oneill Forebay Wildlife (Federal)	60	65	69	74	30	37	79	114					528
San Luis WD Ag	54	316	649	1026	1353	1834	1725	986					7943
San Luis M&I	27	24	36	86	99	96	67	101					536
VA Cemetary	1	1	2	4	11	9	11	11					50
<b>Total</b>	<b>142</b>	<b>406</b>	<b>756</b>	<b>1190</b>	<b>1493</b>	<b>1976</b>	<b>1882</b>	<b>1212</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9057</b>
<b>CROSS VALLEY CANAL</b>													
County of Fresno	0	0	0	0	0	0	0	1567					1567
County of Tulare	0	0	0	0	0	0	0	2036					2036
Lower Tule River ID	0	0	7854	0	0	0	0	6187					14041
Pixley ID	0	0	0	0	0	0	0	10094					10094
Kern-Tulare WD	0	0	4211	0	0	0	0	9628					13839
Rag Gulch WD	0	0	4210	0	0	0	0	3082					7292
Hills-Valey ID	0	0	0	0	0	0	0	1283					1283
Tri-Valley ID	0	0	0	0	0	0	0	438					438
<b>Total</b>	<b>0</b>	<b>0</b>	<b>16275</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34315</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50590</b>
<b>SAN FELIPE DIVISION</b>													
Santa Clara	9868	7309	4408	7591	12961	15850	16976	14572					89535
215 water	0	0	1110	0	0	0	0	0					1110
San Benito	1203	2629	1271	2381	3808	3846	4504	4014					23656
215 water	0	0	103	0	0	0	0	0					103
<b>Total</b>	<b>11071</b>	<b>9938</b>	<b>6892</b>	<b>9972</b>	<b>16769</b>	<b>19696</b>	<b>21480</b>	<b>18586</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>114404</b>

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

**Table 27**

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

**Tehama-Colusa Canal  
 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					51928
Cortina WD	0	0	26	106	216	300	300	131					1079
Davis WD	0	0	132	230	909	701	301	259					2532
Dunnigan WD	5	10	233	2098	2854	3432	3286	2007					13925
4-M Water District	1	0	143	323	387	414	469	296					2033
GCID	0	161	1110	4283	4967	4926	4972	4466					24885
Glenn Valley WD	0	0	30	0	358	259	156	174					977
Glide WD	0	0	32	1126	3694	3263	3596	2841					14552
Holthouse WD	0	0	29	246	261	285	460	401					1682
Kanawha WD	3	9	397	4089	6348	7975	7630	4788					31239
Kirkwood WD	0	0	2	98	112	127	117	96					552
La Grande WD	0	0	1	954	1262	1285	1204	901					5607
Myers-Marsh MWC	0	0	32	24	222	216	9	0					503
Orland-Artois WD	5	17	416	5579	11522	13421	13737	10108					54805
Westside WD	6	6	887	4301	8741	9158	7000	491					30590
<b>Total</b>	<b>128</b>	<b>312</b>	<b>5233</b>	<b>29933</b>	<b>52703</b>	<b>57962</b>	<b>55572</b>	<b>35046</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>236889</b>

Data supplied by Willows Field Division, Water and Land Division

Table 28

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

## 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					85828
Andreotti, Arthur, et al	0	0	0	0	576	658	740	630					2604
Baber, Jack, et	0	0	0	31	753	1061	981	467					3293
Carter, Jane	0	0	0	0	9	158	205	111					483
Carter MWC	0	0	0	0	487	562	558	240					1847
Colusa IC (King & Dommer)	0	0	0	0	4	0	5	0					9
Colusa Prop. Inc	0	0	0	90	50	158	96	105					499
Conaway Conservancy Group	0	0	0	1400	10466	12116	6322	5621					35925
Davis Ranches	0	0	0	2380	6747	6584	7225	5201					28137
East Side MWC	0	0	0	77	572	526	436	315					1926
Forry, Laurie	0	0	0	0	266	412	514	471					1663
Forster, Rosemary	0	0	0	524	470	1011	1035	225					3265
Furlan Joint Venture (Area #1)	0	0	0	26	87	119	92	10					334
Furlan Joint Venture (Area #2)	0	0	0	0	0	0	0	0					0
Glenn-Colusa ID	0	0	0	91992	140825	157831	157870	118841					667359
Green Valley Corp.	0	0	0	0	181	105	22	380					688
Griffin & Prater, TIC	0	0	0	328	481	221	203	356					1589
Henle Family Limited Partnership	0	0	0	0	0	1	68	0					69
Hershey Land Co	0	0	0	1	48	101	74	234					458
Hiatt, Glenn	0	0	0	0	306	247	279	137					969
Hollins, Mariette B	0	0	0	66	240	255	218	86					865
Howald Farms	0	0	0	218	288	363	343	302					1514
Knags Walnut Ranches Co, L.P.	0	0	0	0	0	0	0	0					0
Lockett, William P.	0	0	0	0	0	0	0	0					0
Loma Cold Storage/J Micheli	0	0	0	442	1605	2204	177	125					4553
M&T Inc.	0	0	0	409	1184	2109	2412	1059					7173
Maxwell ID	0	0	0	649	170	0	0	0					819
MCM Properties, Inc	0	0	0	20	14	43	143	66					286
Mehrhof & Montgomery	0	0	0	0	20	13	26	0					59
Meridan Farms WC	0	0	0	2101	6758	7209	7027	6680					29775
Natomas Central MWC	0	0	0	8173	18706	21850	23882	14508					87119
O'Brien, Janice	0	0	0	88	155	271	301	277					1092
Odyesseus Farms	0	0	0	42	16	215	115	87					475
Oji Bros. Farms Inc	0	0	0	320	751	870	795	323					3059
Oji, Mitsue Family PTN	0	0	0	493	1227	991	1033	529					4273
Pelger Mutual WC	0	0	0	1003	1808	1619	1269	988					6687
Pleasant Grove-Verona MWC	0	0	0	1242	4372	4566	4761	2920					17861
Princeton,-Codora-Glenn ID	0	0	0	7065	13286	12531	13333	10239					56454
Provident Irrigation District	0	0	0	8148	11193	13044	10080	3425					45890
Reclamation Dist #1004	0	0	0	3744	11837	14371	12555	8501					51008
Reclamation Dist #108	0	0	0	11514	39424	38007	36442	27494					152881
Reynen, John, et al	0	0	0	140	894	959	1019	928					3940
River Garden Farms	0	0	0	808	5266	5167	5832	4653					21726
Roberts Ditch Irrigation Co	0	0	0	205	532	769	637	605					2748
Sacramento River Ranch, LLC	0	0	0	0	193	1052	882	735					2862
Siddiqui, J & A & Siddiqui Family Plan	0	0	0	8	139	33	267	312					759
Spence, Ruth Ann	0	0	0	0	0	0	0	0					0
Sutter Mutual WC	0	0	0	18363	48301	49830	59286	40464					216244
Tarke, James, et al	0	0	0	206	746	959	910	509					3330
Tisdale Irrigation & Drain	0	0	0	861	1892	1968	2012	1574					8307
Wallace Construction, Inc.	0	0	0	0	206	578	481	559					1824
Wells, Joyce M	0	0	0	71	260	337	289	114					1071
Wilson Ranch Partnership	0	0	0	0	0	0	0	0					0
Windswept Land & Livestock Co.	0	0	0	213	967	1063	774	895					3912
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>174436</b>	<b>354482</b>	<b>383509</b>	<b>383664</b>	<b>279420</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1575511</b>

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
<b>Sacramento River</b>												
Shasta computed inflow	10630	23518	12774	8668	6060	4400	3835	3236				
At Keswick	7638	21345	14924	8410	9568	13945	15034	11065				
At Bend Bridge	13819	32088	23745	10770	11049	15016	15724	11262				
At Vina Bridge	18233	43796	29883	14231	12837	16538	16837	12239				
At Ord Ferry	19581	44092	29054	11848	9098	11421	11863	9177				
At Colusa	19229	26792	23595	10485	8428	10497	11219	8519				
Below Wilkins Slough	18048	19703	19964	9915	6415	8354	8706	6950				
At Verona	33182	39903	42251	19612	10945	13443	18864	30534				
Sacramento at "I" Street	35497	42770	46233	23795	12686	15155	21440	31928				
<b>Miscellaneous Stations</b>												
Folsom computed inflow	3077	4789	5068	3311	2597	1514	1391	1540				
American R at Nimbus Dam	2511	3643	3500	4344	2150	2273	3162	1851				
Kings River at Pine Flat	155	340	548	1666	2114	6313	4918	1712				
<b>San Joaquin River</b>												
At Friant Dam	113	116	153	196	215	225	230	246				
Near Vernalis	1759	2167	3301	2705	2698	1535	1251	1233				
<b>Putah Creek</b>												
Berryessa computed inflow	1096	3524	804	226	58	7	-21	-6				
Putah Creek - Lake Solano	40	2728	1447	79	43	43	43	34				
<b>Stanislaus River</b>												
New Melones computed inflow	1144	1373	1702	1533	1129	588	484	692				
At Tulloch Dam	233	340	813	1852	2304	2166	2121	1712				
At Orange Blossom	360	453	339	578	675	544	445	309				

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