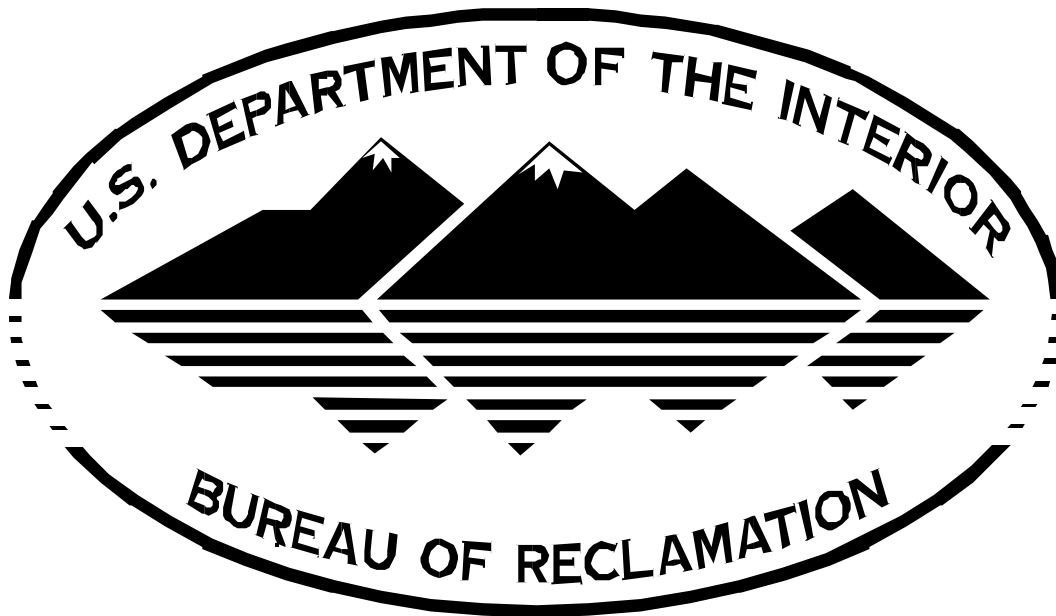


**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION**

**CENTRAL VALLEY OPERATIONS OFFICE**

**REPORT OF OPERATIONS**



January 2002

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## SUMMARY OF JANUARY 2002 OPERATIONS

Sacramento had an average monthly temperature of 46.3 °F which was 1.9 °F below normal. The average temperature at Shasta Dam was 44.6 °F which was 1.7 °F below normal and Huntington Lake was 7.4 °F below normal with an average temperature of 28.6 °F.

Trinity System: Storage in Trinity Lake increased 228,800 acre-feet this month to 1,652,300 acre-feet, which is 68 percent of capacity and 107 percent of the 15 year average for this date. The total inflow for the month was 247,701 acre-feet. The Trinity River release was 300 ft<sup>3</sup>/s. Whiskeytown Lake was operated between elevations 1198.12 feet and 1202.98 feet with an end-of-month storage of 205,100 acre-feet. The releases to Clear Creek from Whiskeytown Dam were 200 ft<sup>3</sup>/s. Total diversion from the Trinity River to the Sacramento River watershed for the month was 736 acre-feet.

Shasta-Keswick: Storage in Shasta Lake increased 530,500 acre-feet for an end-of-month storage of 3,516,600 acre-feet, which is 77 percent of capacity and 120 percent of the 15 year average. The total inflow for the month was 871,972 acre-feet. The release to the Sacramento River at Keswick ranged between 3,600 and 15,000 ft<sup>3</sup>/s for the month.

Folsom-Nimbus: Storage in Folsom Lake increased 143,800 acre-feet and had an end-of-month storage of 481,000 acre-feet, which is 49 percent of capacity and 112 percent of the 15 year average for this date. The total inflow for the month was 239,894 acre-feet. The release to the American River at Nimbus was 1,500 ft<sup>3</sup>/s during the month.

New Melones: Storage in New Melones increased 53,000 acre-feet for an end-of-month storage of 1,569,500 acre-feet or 65 percent of capacity and 124 percent of the 15 year average. The release to the Stanislaus River at Goodwin Dam was 300 ft<sup>3</sup>/s for the month. The total inflow for the month was 65,303 acre-feet.

Delta-San Luis: Federal storage in San Luis Reservoir on January 31, 2002, was 895,000 acre-feet compared to the storage a year ago of 1,039,000 acre-feet.

Friant: Storage in Millerton Lake increased 76,672 acre-feet to 290,000 acre-feet. The total monthly inflow was 93,982 acre-feet. The release to the San Joaquin River at Friant varied between 89 and 97 ft<sup>3</sup>/s.

CVP Totals: The total diversions to CVP canals were 280,330 acre-feet. The January 31, 2002, storage in the 18 CVP reservoirs was 8,114,000 acre-feet compared to storage 1 year ago of 8,123,000 acre-feet.

Power: Gross power production for the CVP totaled 225,973,700 kilowatt-hours.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION  
MID-PACIFIC REGION  
MONTHLY RESERVOIR STORAGE SUMMARY IN ACRE-FEET  
(PRELIMINARY DATA SUBJECT TO REVISION)

Table 1

WATERSHED	RESERVOIR	TOTAL CAPACITY	01/31/02	01/31/01	WATERSHED	RESERVOIR	TOTAL CAPACITY	01/31/02	01/31/01
KLAMATH	CLEAR LAKE *	526,800	157,990	251,000	AMERICAN	FOLSOM LAKE *CVP	1,010,300	481,040	491,800
	GERBER *	94,300	32,450	51,980		LAKE NATOMA *CVP	9,030	7,590	7,460
	UPR KLAMATH LK *	873,300	377,680	333,860	COSUMNES	JENKINSON LK *CVP	41,000	31,150	32,740
TRINITY	CLAIR ENGLE LK*CVP	2,447,700	1,652,310	1,682,600	MOKELUMNE	CAMANCHE	431,500	239,450	296,400
	LEWISTON LAKE*CVP	14,660	14,320	14,430		PARDEE	210,000	167,510	165,280
	WHISKEYTOWN *CVP	241,100	205,060	211,200	SALT SPRINGS	140,000	7,100	7,020	
MCCLLOUD	MCCLLOUD DIV. RES	35,230	19,460	20,850	CALAVERAS	NEW HOGAN	317,100	147,580	153,690
PIT	IRON CANYON	24,240	10,080	9,750		NEW MELONES*CVP	2,420,000	1,569,450	1,874,200
	LAKE BRITTON	40,620	31,510	36,920		BEARDSLEY	97,800	22,240	15,050
	PIT NO. 6	15,890	12,100	15,430	STANISLAUS	DONNELLS	64,320	5,640	5,820
	PIT NO. 7	34,610	31,370	31,230	TULLOCH	67,000	55,810	55,530	
SACRAMENTO	SHASTA LAKE *CVP	4,552,000	3,516,590	3,035,300	TUOLUMNE	LAKE ELEANOR	26,100	4,090	8,230
	SPRING CREEK *CVP	5,900	4,220	1,090		LAKE LLOYD	268,000	210,370	105,920
	KESWICK *CVP	23,800	22,310	21,490		HETCH-HETCHY	360,400	146,900	201,260
	RED BLUFF DIV *CVP	3,920	270	270	NEW DON PEDRO	2,030,000	1,396,750	1,643,480	
FEATHER	OROVILLE	3,538,000	1,915,920	1,737,250	TURLOCK LAKE	49,000	14,410	28,320	
	THERMALITO DIV RES	13,500	13,180	12,760	MERCED	EXCHEQUER	1,024,600	416,250	588,780
	THERMALITO FORE.	14,400	11,270	10,870	CHOWCHILLA	BUCHANAN	150,000	26,810	73,461
	THERMALITO AFTER.	57,000	43,530	26,770	CRANE VALLEY	45,400	24,320	22,640	
	LAKE ALMANOR	1,143,000	691,900	687,190	LAKE T.A. EDISON	125,000	45,430	46,490	
STONY CREEK	EAST PARK *	50,900	48,570	44,890	FLORENCE LAKE	64,600	1,000	1,000	
	STONY GORGE *	50,000	35,740	39,010	SAN JOAQUIN	MAMMOTH POOL	122,700	22,410	17,120
	BLACK BUTTE *CVP	143,700	47,045	46,550	HUNTINGTON LAKE	89,800	38,060	35,990	
PUTAH CREEK	LAKE BERRYESSA *	1,602,300	1,480,410	1,377,180	REDINGER LAKE	35,000	23,110	24,430	
	LAKE SOLANO *	720	560	530	SHAVER LAKE	135,400	108,730	87,070	
YUBA	BULLARDS BAR	930,000	659,420	582,430	MILLERTON LK *CVP	520,500	289,970	289,100	
	SO. YUBA SYSTEM	146,000	30,150	27,070	FRESNO	HIDDEN	90,000	19,450	24,000
	NARROWS	70,000	61,980	68,040	SAN LUIS **CVP	2,040,600	1,807,070	1,595,960	
BEAR	ROLLINS	65,990	65,030	55,990	O'NEILL FORE.**CVP	56,400	53,240	42,350	
LITTLE TRUCKEE	STAMPEDE *	226,620	154,200	194,360	SAN LUIS	L BANOS RES**CVP	34,560	20,320	19,040
	BOCA *	41,140	8,100	12,900	LT PANOCHE **CVP	5,580	830	NR	
PROSSER	PROSSER CREEK *	29,840	8,300	9,720	OIL CANYON	CONTRA LOMA *CVP	2,100	1,630	1,960
TRUCKEE	LAKE TAHOE *	732,000	140,900	403,800	KINGS	WISHON	128,300	54,650	63,230
	RYE PATCH *	190,000	17,000	61,600	PINE FLAT	1,001,500	417,340	425,120	
HUMBOLDT					KAWEAH	TERMINUS	143,000	20,890	15,010
CARSON	LAHONTAN *	317,280	112,500	133,400	TULE	SUCCESS	82,300	15,360	13,310
	TWIN LAKES	21,580	15,750	10,750	KERN	ISABELLA	588,100	107,490	130,170
	FRENCH MEADOWS	136,400	39,330	50,750	CUYAMA	TWITCHELL *	240,100	5,160	5,160
AMERICAN	HELL HOLE	207,590	53,220	65,750	SANTA YNEZ	LAKE CACHUMA *	190,500	168,450	165,590
	LOON LAKE	76,500	30,810	14,810	COYOTE	LAKE CASITAS *	254,000	222,130	207,120
	ICE HOUSE	46,000	21,030	16,470	<b>TOTAL - 85 RESERVOIRS</b>	<b>33,790,020</b>	<b>20,357,565</b>	<b>20,448,441</b>	
	UNION VALLEY	277,300	131,530	38,110	<b>TOTAL - 36 RESERVOIRS</b>	<b>18,992,650</b>	<b>12,694,555</b>	<b>12,659,640</b>	
	SLAB CREEK	16,600	15,290	15,790	<b>TOTAL - 18 RESERVOIRS</b>	<b>13,572,850</b>	<b>9,724,415</b>	<b>9,367,540</b>	

\*\* - Joint State-Federal Reservoir

\* - USBR Reservoir

CVP - Central Valley Project

NR - Not Reported



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

Table 3

JANUARY 2002

SHASTA LAKE DAILY OPERATIONS

RUN DATE: February 14, 2002

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION C.F.S.	INCHES	PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE		POWER	RIVER SPILL	OUTLET			
		2,986.3								
1	1,008.76	3,023.4	+37.2	19,402	659	0	0	0	.00	.19
2	1,013.40	3,130.4	+106.9	56,705	2,798	0	0	0	.00	2.75
3	1,015.75	3,185.5	+55.1	38,098	10,298	0	0	0	.00	.80
4	1,016.92	3,213.2	+27.7	23,759	9,796	0	0	0	.00	.02
5	1,018.07	3,240.6	+27.4	20,468	6,657	0	0	0	.00	.03
6	1,019.21	3,267.9	+27.3	21,070	7,296	0	0	0	.00	1.04
7	1,020.27	3,293.4	+25.5	21,118	8,252	0	0	0	.00	.20
8	1,021.31	3,318.5	+25.1	20,273	7,618	0	0	0	.00	.26
9	1,022.06	3,336.7	+18.2	18,166	9,002	0	0	0	.00	.11
10	1,022.66	3,351.3	+14.6	15,899	8,535	0	0	0	.00	.00
11	1,023.23	3,365.2	+13.9	14,111	7,087	0	0	14	.02	.00
12	1,023.67	3,376.0	+10.8	12,433	6,991	0	0	14	.02	.00
13	1,024.12	3,387.0	+11.0	12,324	6,752	0	0	14	.02	.00
14	1,024.58	3,398.3	+11.3	12,243	6,539	0	0	0	.00	.00
15	1,025.08	3,410.6	+12.3	11,973	5,769	0	0	0	.00	.00
16	1,025.56	3,422.5	+11.9	11,135	5,154	0	0	0	.00	.00
17	1,025.91	3,431.1	+8.7	9,176	4,815	0	0	0	.00	.00
18	1,026.24	3,439.3	+8.2	9,194	5,023	0	0	44	.06	.00
19	1,026.57	3,447.5	+8.2	9,128	4,900	0	0	95	.13	.00
20	1,026.85	3,454.5	+7.0	8,013	4,470	0	0	37	.05	.00
21	1,027.17	3,462.5	+8.0	8,991	4,973	0	0	0	.00	.05
22	1,027.49	3,470.4	+8.0	9,130	5,030	0	0	73	.10	.00
23	1,027.70	3,475.7	+5.2	6,971	4,328	0	0	0	.00	.00
24	1,027.90	3,480.7	+5.0	6,073	3,556	0	0	0	.00	.00
25	1,028.08	3,485.2	+4.5	5,819	3,549	0	0	0	.00	.00
26	1,028.39	3,493.0	+7.8	7,472	3,485	0	0	66	.09	.61
27	1,028.70	3,500.7	+7.8	7,567	3,549	0	0	96	.13	.01
28	1,028.84	3,504.2	+3.5	5,745	3,974	0	0	0	.00	.00
29	1,029.03	3,509.0	+4.8	6,012	3,563	0	0	44	.06	.03
30	1,029.20	3,513.3	+4.3	5,837	3,676	0	0	0	.00	.00
31	1,029.33	3,516.6	+3.3	5,323	3,670	0	0	0	.00	.00
<b>TOTALS</b>			<b>+530.5</b>	<b>439,628</b>	<b>171,764</b>	<b>0</b>	<b>0</b>	<b>497</b>	<b>.68</b>	<b>6.10</b>
<b>ACRE-FEET</b>			<b>+530,500</b>	<b>872,002</b>	<b>340,694</b>	<b>0</b>	<b>0</b>	<b>986</b>		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	340,694	OUTLET	0	THIS MONTH =	6.10
SPILL	0	TOTAL	340,694	JULY 1, 2001 TO DATE =	45.51

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

Table 4

JANUARY 2002

TRINITY LAKE DAILY OPERATIONS

RUN DATE: February 14, 2002

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)	
		1,423.9								
1	2,297.70	1,435.2	+11.3	6,023	316	0	0	14	.04	.24
2	2,301.93	1,485.1	+50.0	25,194	0	0	0	0	.00	.70
3	2,303.72	1,506.6	+21.5	11,116	0	0	273	7	.02	.25
4	2,304.66	1,518.0	+11.4	5,737	0	0	0	7	.02	.00
5	2,305.36	1,526.5	+8.5	4,919	0	0	630	4	.01	.06
6	2,306.63	1,542.0	+15.5	7,826	14	0	0	0	.00	1.19
7	2,307.86	1,557.1	+15.1	7,925	0	0	312	0	.00	.09
8	2,309.04	1,571.7	+14.6	7,614	0	0	265	0	.00	.27
9	2,309.98	1,583.3	+11.7	6,177	0	0	283	7	.02	.01
10	2,310.68	1,592.1	+8.7	4,855	0	0	439	11	.03	.00
11	2,311.23	1,599.0	+6.9	3,477	0	0	0	7	.02	.00
12	2,311.69	1,604.7	+5.8	3,307	0	0	392	4	.01	.00
13	2,312.10	1,609.9	+5.2	2,934	0	0	321	15	.04	.00
14	2,312.47	1,614.6	+4.7	2,621	0	0	264	4	.01	.00
15	2,312.78	1,618.5	+3.9	2,367	0	0	384	11	.03	.00
16	2,313.06	1,622.0	+3.5	2,151	0	0	368	0	.00	.00
17	2,313.32	1,625.3	+3.3	2,051	0	0	388	0	.00	.00
18	2,313.55	1,628.2	+2.9	1,664	0	0	193	0	.00	.00
19	2,313.70	1,630.1	+1.9	1,584	0	0	625	0	.00	.00
20	2,313.91	1,632.8	+2.7	1,592	0	0	197	52	.14	.02
21	2,314.14	1,635.7	+2.9	1,784	0	0	302	7	.02	.08
22	2,314.32	1,638.0	+2.3	1,402	0	0	245	0	.00	.28
23	2,314.46	1,639.8	+1.8	1,302	0	0	402	0	.00	.00
24	2,314.63	1,642.0	+2.2	1,355	0	0	228	34	.09	.00
25	2,314.83	1,644.5	+2.6	1,568	0	0	278	4	.01	.00
26	2,314.98	1,646.4	+1.9	1,263	0	0	299	0	.00	.47
27	2,315.12	1,648.2	+1.8	1,200	0	0	296	0	.00	.00
28	2,315.21	1,649.4	+1.2	984	0	0	403	0	.00	.00
29	2,315.32	1,650.8	+1.4	1,016	0	0	305	0	.00	.04
30	2,315.34	1,651.0	+0.3	830	0	0	701	0	.00	.00
31	2,315.44	1,652.3	+1.3	1,102	456	0	0	0	.00	.00
<b>TOTALS</b>			<b>+228.8</b>	<b>124,940</b>	<b>786</b>	<b>0</b>	<b>8,793</b>	<b>188</b>	<b>.51</b>	<b>3.70</b>
<b>ACRE-FEET</b>			<b>+228,800</b>	<b>247,818</b>	<b>1,559</b>	<b>0</b>	<b>17,441</b>	<b>373</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**

POWER	1,559	OUTLET	17,441	PRECIPITATION	
SPILL	0	TOTAL	19,000	THIS MONTH =	3.70
				JULY 1, 2001 TO DATE =	24.76

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

Table 5

JANUARY 2002

WHISKEYTOWN LAKE DAILY OPERATIONS

RUN DATE: February 14, 2002

DAY	ELEV	STORAGE 1000 ACRE-FEET IN LAKE CHANGE	COMPUTED INFLOW C.F.S. *	FROM JUDGE FRANCIS CARR PP	CLEAR CR. NATURAL FLOW	RELEASE - C.F.S.			EVAP. C.F.S. INCHES	PRECIP INCHES		
						TO CLEAR CR (1) OUTLETS	SPILL	TO SPRING CR. PP				
		207.2										
1	1,198.96	207.0	-0.1	2,460	0	2,460	200	0	2,316	3	.03	.29
2	1,202.93	219.0	+11.9	7,773	0	7,773	200	0	1,561	0	.00	3.58
3	1,202.98	219.1	+0.2	4,084	0	4,084	200	0	3,807	0	.00	.50
4	1,201.87	215.7	-3.4	2,451	0	2,451	200	0	3,950	0	.00	.00
5	1,200.44	211.4	-4.3	1,992	0	1,992	200	0	3,961	0	.00	.05
6	1,199.10	207.5	-4.0	2,169	0	2,169	200	0	3,981	0	.00	1.20
7	1,198.55	205.8	-1.6	2,078	0	2,078	200	0	2,696	0	.00	.23
8	1,198.12	204.6	-1.3	1,920	0	1,920	200	0	2,358	0	.00	.24
9	1,198.48	205.6	+1.1	1,639	0	1,639	200	0	905	0	.00	.04
10	1,198.73	206.4	+0.7	1,364	0	1,364	200	0	789	3	.04	.00
11	1,198.63	206.1	-0.3	1,193	0	1,193	200	0	1,140	2	.02	.00
12	1,198.59	205.9	-0.1	1,076	13	1,063	200	0	932	3	.03	.00
13	1,198.55	205.8	-0.1	949	0	949	200	0	808	0	.00	.00
14	1,198.61	206.0	+0.2	888	7	881	200	0	597	2	.02	.00
15	1,198.65	206.1	+0.1	787	2	785	200	0	527	1	.01	.00
16	1,198.62	206.0	-0.1	730	0	730	200	0	573	1	.01	.00
17	1,198.36	205.3	-0.8	685	0	685	200	0	869	2	.02	.00
18	1,198.31	205.1	-0.1	590	0	590	200	0	462	3	.03	.00
19	1,198.34	205.2	+0.1	559	0	559	200	0	311	3	.04	.00
20	1,198.40	205.4	+0.2	537	0	537	200	0	245	3	.04	.00
21	1,198.44	205.5	+0.1	517	0	517	200	0	258	0	.00	.10
22	1,198.46	205.6	+0.1	508	0	508	200	0	276	2	.02	.00
23	1,198.45	205.5	+0.0	466	0	466	200	0	281	0	.00	.00
24	1,198.43	205.5	-0.1	444	0	444	200	0	273	1	.01	.00
25	1,198.42	205.4	+0.0	451	0	451	200	0	265	1	.01	.00
26	1,198.31	205.1	-0.3	496	0	496	200	0	459	0	.00	.48
27	1,198.28	205.0	-0.1	406	0	406	200	0	250	0	.00	.01
28	1,198.26	205.0	-0.1	395	0	395	200	0	225	0	.00	.00
29	1,198.21	204.8	-0.1	381	0	381	200	0	250	5	.06	.01
30	1,198.36	205.3	+0.4	649	317	332	200	0	226	0	.00	.00
31	1,198.29	205.1	-0.2	366	32	334	200	0	270	0	.00	.00
<b>TOTALS</b>			<b>-2.0</b>	<b>41,003</b>	<b>371</b>	<b>40,632</b>	<b>6,200</b>	<b>0</b>	<b>35,821</b>	<b>35</b>	<b>.39</b>	<b>6.73</b>
<b>ACRE-FEET</b>			<b>-2.0</b>	<b>81,329</b>	<b>736</b>	<b>80,594</b>	<b>12,298</b>	<b>0</b>	<b>71,051</b>	<b>69</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	71,051	OUTLET	12,298	THIS MONTH		6.73
SPILL	0	TOTAL	83,349	JULY 1, 2001 TO DATE		46.40



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

Table 6

JANUARY 2002

LEWISTON LAKE DAILY OPERATIONS

RUN DATE: February 14, 2002

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
		13,986								
1	1,901.18	14,046	+60	331	80	220	0	0	1	.04
2	1,900.90	13,837	-209	195	80	220	0	0	0	.00
3	1,901.11	13,993	+156	379	80	220	0	0	0	.02
4	1,901.29	14,128	+135	368	80	220	0	0	0	.02
5	1,901.43	14,233	+105	353	80	220	0	0	0	.01
6	1,900.85	13,801	-432	82	80	220	0	0	0	.00
7	1,901.05	13,948	+147	374	80	220	0	0	0	.00
8	1,901.09	13,978	+30	315	80	220	0	0	0	.00
9	1,901.09	13,978	+0	300	80	220	0	0	0	.02
10	1,900.89	13,830	-148	226	80	220	0	0	1	.03
11	1,900.79	13,756	-74	263	80	220	0	0	0	.02
12	1,901.02	13,926	+170	399	80	220	0	13	0	.01
13	1,901.03	13,933	+7	305	80	220	0	0	1	.04
14	1,900.86	13,808	-125	244	80	220	0	7	0	.01
15	1,901.01	13,918	+110	357	80	220	0	2	0	.03
16	1,901.10	13,986	+68	334	80	220	0	0	0	.00
17	1,901.15	14,023	+37	319	80	220	0	0	0	.00
18	1,900.84	13,793	-230	184	80	220	0	0	0	.00
19	1,901.74	14,465	+672	639	80	220	0	0	0	.00
20	1,901.32	14,150	-315	141	80	220	0	0	0	.14
21	1,901.26	14,105	-45	277	80	220	0	0	0	.02
22	1,900.99	13,904	-201	199	80	220	0	0	0	.00
23	1,901.18	14,046	+142	372	80	220	0	0	0	.00
24	1,900.86	13,808	-238	182	80	220	0	0	2	.09
25	1,900.71	13,698	-110	245	80	220	0	0	0	.01
26	1,900.79	13,756	+58	329	10	290	0	0	0	.00
27	1,900.85	13,801	+45	323	0	300	0	0	0	.00
28	1,901.09	13,978	+177	389	40	260	0	0	0	.00
29	1,901.05	13,948	-30	285	80	220	0	0	0	.00
30	1,901.42	14,225	+277	757	80	220	0	317	0	.00
31	1,901.55	14,322	+97	381	80	220	0	32	0	.00
<b>TOTALS</b>			<b>+336</b>	<b>9,847</b>	<b>2,290</b>	<b>7,010</b>	<b>0</b>	<b>371</b>	<b>5</b>	<b>.51</b>
<b>ACRE-FEET</b>			<b>+336</b>	<b>19,532</b>	<b>4,542</b>	<b>13,904</b>	<b>0</b>	<b>736</b>	<b>10</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	4,542	JUDGE FRANCIS CARR POWERPLANT 736
TOTAL RIVER	18,446	TOTAL RELEASE 19,182

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

Table 7

JANUARY 2002

SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS

RUN DATE: February 14, 2002

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.		— SPRING CR DEBRIS DAM —		**KES COPPER MG/L
		ACRE-FEET IN LAKE	CHANGE		SPILL	OUTLET	TIME	COPPER ZINC	
		5,175							
1	790.29	5,454	+279	171	0	30			
2	798.20	6,169	+715	634	263	11			
3	796.76	6,035	-134	218	286	0			
4	796.30	5,993	-42	120	141	0			
5	796.22	5,985	-8	104	104	4			
6	796.04	5,969	-16	113	94	27			
7	795.49	5,919	-50	97	62	60			
8	794.14	5,796	-123	69	6	125			
9	792.10	5,613	-183	58	0	150			
10	790.36	5,460	-153	47	0	124			
11	789.42	5,379	-81	39	0	80			
12	788.37	5,288	-91	34	0	80			
13	787.20	5,188	-100	30	0	80			
14	785.97	5,085	-103	28	0	80			
15	785.44	5,041	-44	27	0	49			
16	784.31	4,947	-94	23	0	70			
17	783.35	4,868	-79	23	0	63			
18	782.85	4,828	-40	23	0	43			
19	782.72	4,817	-11	19	0	25			
20	782.57	4,805	-12	19	0	25			
21	782.42	4,793	-12	19	0	25			
22	782.10	4,767	-26	22	0	35			
23	781.55	4,723	-44	18	0	40			
24	780.89	4,669	-54	18	0	45			
25	780.04	4,602	-67	16	0	50			
26	779.28	4,542	-60	20	0	50			
27	778.40	4,474	-68	16	0	50			
28	777.61	4,413	-61	12	0	43			
29	776.62	4,337	-76	12	0	50			
30	775.86	4,279	-58	16	0	45			
31	775.10	4,222	-57	11	0	40			
<b>TOTALS</b>			<b>-953</b>	<b>2,076</b>	<b>956</b>	<b>1,599</b>			
<b>ACRE-FEET</b>			<b>-953</b>	<b>4,118</b>	<b>1,896</b>	<b>3,172</b>			

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)

SPILL	1,896
OUTLET	3,172
TOTAL	5,068

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

**Table 8**

**JANUARY 2002**

**KESWICK RESERVOIR DAILY OPERATIONS**

RUN DATE: February 14, 2002

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)
		21,307								
1	583.82	21,781	+474	3,894	2,316	659	3,655	0	0	0
2	579.15	19,046	-2,735	6,323	1,561	2,798	7,702	0	0	0
3	579.16	19,052	+6	14,516	3,807	10,298	14,085	428	0	0
4	582.18	20,793	+1,741	14,104	3,950	9,796	13,226	0	0	0
5	580.95	20,071	-722	10,899	3,961	6,657	11,263	0	0	0
6	582.87	21,205	+1,134	11,574	3,981	7,296	11,002	0	0	0
7	583.62	21,659	+454	11,211	2,696	8,252	10,982	0	0	0
8	581.05	20,129	-1,530	10,282	2,358	7,618	11,053	0	0	0
9	582.84	21,187	+1,058	10,192	905	9,002	9,659	0	0	0
10	582.91	21,229	+42	9,574	789	8,535	9,553	0	0	0
11	582.29	20,859	-370	8,411	1,140	7,087	8,598	0	0	0
12	582.48	20,973	+114	8,104	932	6,991	8,047	0	0	0
13	583.08	21,332	+359	7,746	808	6,752	7,565	0	0	0
14	583.82	21,781	+449	7,293	597	6,539	7,067	0	0	0
15	583.31	21,471	-310	6,401	527	5,769	6,557	0	0	0
16	582.71	21,110	-361	5,916	573	5,154	6,098	0	0	0
17	583.20	21,404	+294	5,972	869	4,815	5,824	0	0	0
18	583.75	21,738	+334	5,780	462	5,023	5,611	0	0	1
19	583.37	21,508	-230	5,342	311	4,900	5,456	0	0	2
20	582.18	20,793	-715	4,881	245	4,470	5,240	0	0	1
21	583.17	21,386	+593	5,336	258	4,973	5,037	0	0	0
22	584.27	22,057	+671	5,144	276	5,030	4,804	0	0	2
23	584.82	22,396	+339	4,772	281	4,328	4,601	0	0	0
24	583.73	21,726	-670	4,068	273	3,556	4,406	0	0	0
25	583.17	21,386	-340	4,021	265	3,549	4,192	0	0	0
26	583.63	21,665	+279	4,142	459	3,485	3,999	0	0	2
27	583.63	21,665	+0	3,998	250	3,549	3,996	0	0	2
28	584.66	22,297	+632	4,319	225	3,974	4,000	0	0	0
29	584.71	22,328	+31	4,023	250	3,563	4,006	0	0	1
30	584.75	22,353	+25	4,043	226	3,676	4,030	0	0	0
31	584.68	22,310	-43	3,982	270	3,670	4,004	0	0	0
<b>TOTALS</b>			<b>+1,003</b>	<b>216,263</b>	<b>35,821</b>	<b>171,764</b>	<b>215,318</b>	<b>428</b>	<b>0</b>	<b>11</b>
<b>ACRE-FEET</b>			<b>+1,003</b>	<b>428,958</b>	<b>71,051</b>	<b>340,694</b>	<b>427,083</b>	<b>849</b>	<b>0</b>	<b>22</b>

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

**SUMMARY**  
 RELEASE (ACRE-FEET)

POWER	427,083
SPILL	849
FISH TRAP	0

JANUARY 2002

RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS

RUN DATE: February 14, 2002

DAY	ELEVATION	STORAGE		RELEASE C.F.S		RELEASE TO SACTO RIVER
		IN LAKE	ACRE-FEET CHANGE	CORNING CANAL	TEHAMA COLUSA CANAL	
		837				
1	242.96	929	+92	0	0	18,321
2	243.00	936	+7	0	0	52,344
3	249.96	2,806	+1,870	0	0	75,632
4	244.66	1,272	-1,534	0	0	33,711
5	241.56	695	-577	0	0	13,642
6	244.46	1,229	+534	0	0	20,226
7	244.55	1,248	+19	0	0	33,971
8	242.96	929	-319	0	0	25,843
9	242.25	806	-123	0	0	25,196
10	241.43	675	-131	0	0	19,147
11	241.17	634	-41	0	0	16,694
12	239.65	428	-206	0	0	12,019
13	239.27	382	-46	0	0	11,634
14	238.98	348	-34	0	0	10,932
15	238.78	328	-20	0	0	9,346
16	238.54	303	-25	0	0	9,011
17	238.36	285	-18	0	0	8,743
18	238.25	274	-11	0	0	8,415
19	238.99	349	+75	0	0	8,112
20	238.93	343	-6	0	0	7,913
21	238.87	337	-6	0	0	7,794
22	238.86	336	-1	0	0	7,636
23	238.40	289	-47	0	0	8,169
24	238.30	279	-10	0	0	7,493
25	238.20	268	-11	0	0	7,087
26	238.15	263	-5	0	0	7,002
27	238.15	263	+0	0	0	7,085
28	238.16	264	+1	0	0	6,916
29	238.15	263	-1	0	0	7,013
30	238.16	264	+1	0	0	7,002
31	238.18	266	+2	0	0	7,143
<b>TOTALS</b>			<b>-571</b>	<b>0</b>	<b>0</b>	<b>501,192</b>
<b>ACRE-FEET</b>			<b>-571</b>	<b>0</b>	<b>0</b>	<b>994,114</b>

**SUMMARY**

RELEASE (ACRE-FEET)

CORNING CANAL	0
TEHAMA-COLUSA CANAL	0
TO SACTO RIVER	994,114
TOTAL	994,114

Corps of Engineers, U.S. Army  
 Sacramento District Sacramento, California  
 Daily Operation of Black Butte Reservoir, Stony Creek, California

January 2002

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	446.84	45916	904	5395	4939	4939	0	0	0	0	1.65	91237	16700
2	454.61	66498	20582	16448	6071	6071	0	0	0	0	0.08	91252	18600
3	454.82	67128	630	8368	8042	8042	0	0	16	0.08	0	90603	18800
4	452.09	59243	-7885	4220	8191	8191	0	0	9	0.05	0.05	89641	19300
5	449.43	52209	-7034	3164	6710	6710	0	0	0	0	0.41	90287	19100
6	450.52	55018	2809	6367	4948	4948	0	0	5	0.03	0.03	90108	19800
7	451.27	57008	1990	5596	4592	4592	0	0	2	0.01	0	89738	20500
8	450.08	53872	-3136	3894	5475	5475	0	0	0	0	0.02	89652	20800
9	448.09	48891	-4981	2962	5473	5473	0	0	0	0	0	89317	21400
10	446.4	44897	-3994	2477	4479	4479	0	0	23	0.15	0	88741	21800
11	445.17	42123	-2774	2041	3436	3436	0	0	7	0.05	0	88225	22700
12	444.53	40725	-1398	1757	2457	2457	0	0	9	0.06	0	87962	23200
13	444.63	40941	216	1588	1475	1475	0	0	9	0.06	0	87634	23700
14	445.11	41991	1050	1507	970	970	0	0	15	0.1	0	87296	24200
15	445.43	42700	709	1342	972	972	0	0	24	0.16	0	86923	24700
16	445.67	43237	537	1254	971	971	0	0	24	0.16	0	86521	25200
17	445.89	43733	496	1191	931	931	0	0	20	0.13	0	86067	25700
18	446.12	44256	523	1135	864	864	0	0	15	0.1	0	85526	26200
19	446.37	44828	572	1086	792	792	0	0	11	0.07	0	84981	26700
20	446.63	45428	600	1055	748	748	0	0	9	0.06	0	84366	27200
21	446.79	45800	372	925	735	735	0	0	5	0.03	0	84473	26900
22	446.78	45776	-24	732	740	740	0	0	8	0.05	0	84503	27600
23	446.74	45683	-93	678	716	716	0	0	17	0.11	0	84468	27800
24	446.76	45730	47	644	616	616	0	0	9	0.06	0	84436	28100
25	446.8	45823	93	624	573	573	0	0	8	0.05	0.05	84357	28300
26	446.85	45940	117	628	566	566	0	0	6	0.04	0.02	84365	28600
27	446.91	46080	140	641	569	569	0	0	3	0.02	0	84389	29400
28	446.97	46220	140	645	569	569	0	0	11	0.07	0.17	84389	30900
29	447.03	46361	141	599	521	521	0	0	13	0.08	0	84313	32600
30	447.14	46619	258	555	422	422	0	0	6	0.04	0	84195	34300
31	447.32	47045	426	560	338	338	0	0	14	0.09	0	84021	36200
Totals	(sfd)			80078	78901	78901	0	0					
Totals	(ac-ft)		2033	158835	156500.1	156500.1			298				
Totals	(inches)									1.91	2.48		

[1] South Diversion Canal, [2] Wakerman Ranch Diversion above South Diversion Canal Measuring Weir  
 \*\*\* Preliminary - Data Subject to Revision \*\*\*

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

Table 11

JANUARY 2002

FOLSOM LAKE DAILY OPERATIONS

RUN DATE: February 14, 2002

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	
		337.3									
1	395.06	347.5	+10.2	6,476	1,229	0	0	102	0	.00	.00
2	396.82	358.7	+11.2	7,047	1,309	0	0	102	0	.00	.68
3	399.29	374.7	+16.1	9,362	1,162	0	0	105	0	.00	.83
4	400.72	384.2	+9.5	5,952	1,060	0	0	105	0	.00	.01
5	401.53	389.7	+5.5	4,473	1,617	0	0	107	0	.00	.00
6	402.50	396.3	+6.6	4,783	1,350	0	0	107	0	.00	.21
7	403.69	404.5	+8.2	5,680	1,441	0	0	108	0	.00	.01
8	404.61	410.9	+6.4	4,662	1,320	0	0	108	0	.00	.00
9	405.40	416.4	+5.6	4,534	1,626	0	0	104	0	.00	.00
10	406.12	421.5	+5.1	4,347	1,677	0	0	95	0	.00	.00
11	406.68	425.6	+4.0	3,658	1,541	0	0	95	0	.00	.00
12	407.13	428.8	+3.2	3,240	1,514	0	0	96	0	.00	.00
13	407.49	431.4	+2.6	2,887	1,476	0	0	96	0	.00	.00
14	407.90	434.4	+3.0	3,045	1,451	0	0	97	0	.00	.00
15	408.46	438.5	+4.1	3,477	1,317	0	0	97	0	.00	.00
16	408.94	442.0	+3.5	3,407	1,534	0	0	101	0	.00	.00
17	409.45	445.7	+3.8	3,445	1,445	0	0	99	0	.00	.00
18	409.91	449.1	+3.4	3,251	1,430	0	0	104	0	.00	.00
19	410.13	450.8	+1.6	2,374	1,445	0	0	103	0	.00	.00
20	410.18	451.2	+0.4	2,031	1,740	0	0	102	0	.00	.00
21	410.25	451.7	+0.5	1,997	1,630	0	0	103	0	.00	.00
22	410.62	454.5	+2.8	2,976	1,476	0	0	104	0	.00	.03
23	410.95	456.9	+2.5	2,794	1,446	0	0	103	0	.00	.00
24	411.20	458.8	+1.9	2,715	1,662	0	0	103	0	.00	.00
25	411.48	460.9	+2.1	2,670	1,501	0	0	102	0	.00	.00
26	411.97	464.6	+3.7	3,515	1,539	0	0	110	0	.00	.35
27	412.65	469.8	+5.2	4,102	1,376	0	0	111	0	.00	.42
28	413.15	473.6	+3.8	3,423	1,383	0	0	111	0	.00	.00
29	413.66	477.6	+3.9	3,481	1,390	0	0	110	0	.00	.10
30	413.91	479.5	+1.9	2,813	1,730	0	0	111	0	.00	.00
31	414.11	481.0	+1.5	2,328	1,429	0	0	118	0	.00	.00
<b>TOTALS</b>			<b>+143.8</b>	<b>120,945</b>	<b>45,246</b>	<b>0</b>	<b>0</b>	<b>3,219</b>	<b>0</b>	<b>.00</b>	<b>2.64</b>
<b>ACRE-FEET</b>			<b>+143,800</b>	<b>239,894</b>	<b>89,745</b>	<b>0</b>	<b>0</b>	<b>6,385</b>	<b>0</b>		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	89,745	OUTLET	0	THIS MONTH =	2.64
SPILL	0	TOTAL	96,130	JULY 1, 2001 TO DATE =	14.06
PUMPING PLANT	6,385				

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

Table 12

JANUARY 2002

LAKE NATOMA DAILY OPERATIONS

RUN DATE: February 14, 2002

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	122.50	7,909							
2	122.50	7,566	-343	1,351	28	1,436	0	60	0
3	123.74	8,139	+573	1,809	17	1,443	0	60	0
4	123.42	7,988	-151	1,419	0	1,435	0	60	0
5	122.20	7,431	-557	1,213	3	1,431	0	60	0
6	122.87	7,733	+302	1,690	20	1,458	0	60	0
7	122.56	7,593	-140	1,458	20	1,449	0	60	0
8	122.48	7,557	-36	1,500	23	1,435	0	60	0
9	122.02	7,350	-207	1,415	30	1,429	0	60	0
10	122.47	7,553	+203	1,630	30	1,438	0	60	0
11	123.14	7,857	+304	1,673	30	1,430	0	60	0
12	123.18	7,876	+19	1,548	30	1,448	0	60	0
13	123.24	7,904	+28	1,558	30	1,454	0	60	0
14	123.28	7,923	+19	1,538	30	1,438	0	60	0
15	123.29	7,927	+4	1,540	30	666	782	60	0
16	122.21	7,436	-491	1,293	30	208	1,243	60	0
17	122.43	7,535	+99	1,597	27	0	1,460	60	0
18	122.20	7,431	-104	1,470	20	710	732	60	0
19	122.05	7,364	-67	1,539	20	1,493	0	60	0
20	121.82	7,265	-99	1,470	20	1,440	0	60	0
21	122.73	7,670	+405	1,718	26	1,428	0	60	0
22	123.10	7,838	+168	1,631	30	1,456	0	60	0
23	122.95	7,769	-69	1,520	36	1,459	0	60	0
24	122.59	7,607	-162	1,470	33	1,459	0	60	0
25	123.06	7,819	+212	1,654	30	1,457	0	60	0
26	123.04	7,810	-9	1,532	30	1,447	0	60	0
27	123.40	7,979	+169	1,637	30	1,360	102	60	0
28	123.02	7,800	-179	1,428	24	1,434	0	60	0
29	122.65	7,634	-166	1,424	20	1,428	0	60	0
30	122.29	7,472	-162	1,440	26	1,436	0	60	0
31	122.99	7,787	+315	1,691	30	1,442	0	60	0
31	122.56	7,593	-194	1,434	30	1,442	0	60	0
<b>TOTALS</b>			<b>-316</b>	<b>47,290</b>	<b>783</b>	<b>40,489</b>	<b>4,319</b>	<b>1,860</b>	<b>0</b>
<b>ACRE-FEET</b>			<b>-316</b>	<b>93,800</b>	<b>1,553</b>	<b>80,310</b>	<b>8,567</b>	<b>3,689</b>	<b>0</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	80,310	FOLSOM SOUTH CANAL	1,553	TOTAL	94,119
SPILL	8,567	HATCHERY	3,689		

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

Table 13

JANUARY 2002

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: February 14, 2002

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION		PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE		POWER	SPILL	OUTLET	C.F.S.	INCHES	
		1,516.4								
1	1,005.22	1,519.6	+3.2	1,611	0	0	0	6	.02	.01
2	1,005.71	1,524.2	+4.6	2,320	0	0	0	3	.01	.00
3	1,006.20	1,528.8	+4.6	2,327	0	0	0	6	.02	1.30
4	1,006.52	1,531.8	+3.0	1,525	0	0	0	6	.02	.00
5	1,006.76	1,534.1	+2.3	1,154	0	0	0	15	.05	.00
6	1,007.00	1,536.3	+2.3	1,171	23	0	0	9	.03	.01
7	1,007.30	1,539.2	+2.8	1,435	0	0	0	6	.02	.01
8	1,007.52	1,541.2	+2.1	1,057	0	0	0	9	.03	.00
9	1,007.77	1,543.6	+2.4	1,203	0	0	0	12	.04	.00
10	1,007.97	1,545.5	+1.9	956	0	0	0	3	.01	.00
11	1,008.15	1,547.2	+1.7	878	0	0	0	18	.06	.00
12	1,008.34	1,549.0	+1.8	911	0	0	0	3	.01	.00
13	1,008.51	1,550.6	+1.6	828	0	0	0	15	.05	.01
14	1,008.56	1,551.1	+0.5	1,430	1,182	0	0	9	.03	.00
15	1,008.74	1,552.8	+1.7	867	0	0	0	6	.02	.00
16	1,008.93	1,554.6	+1.8	917	0	0	0	9	.03	.00
17	1,008.86	1,553.9	-0.7	845	1,168	0	0	12	.04	.00
18	1,009.02	1,555.4	+1.5	809	26	0	0	18	.06	.00
19	1,009.16	1,556.8	+1.3	684	0	0	0	12	.04	.00
20	1,009.29	1,558.0	+1.2	636	0	0	0	12	.04	.00
21	1,009.47	1,559.7	+1.7	873	0	0	0	9	.03	.00
22	1,009.63	1,561.2	+1.5	771	0	0	0	3	.01	.14
23	1,009.51	1,560.1	-1.1	779	1,346	0	0	9	.03	.00
24	1,009.58	1,560.8	+0.7	805	457	0	0	12	.04	.00
25	1,009.71	1,562.0	+1.2	642	0	0	0	18	.06	.00
26	1,010.01	1,564.9	+2.9	1,452	0	0	0	12	.04	.00
27	1,010.20	1,566.7	+1.8	918	0	0	0	3	.01	1.52
28	1,010.33	1,567.9	+1.2	781	143	0	0	12	.04	.01
29	1,010.27	1,567.4	-0.6	866	1,143	0	0	12	.04	.01
30	1,010.34	1,568.0	+0.7	738	386	0	0	15	.05	.00
31	1,010.49	1,569.5	+1.4	734	0	0	0	12	.04	.00
<b>TOTALS</b>			<b>+53.0</b>	<b>32,923</b>	<b>5,874</b>	<b>0</b>	<b>0</b>	<b>306</b>	<b>1.02</b>	<b>3.02</b>
<b>ACRE-FEET</b>			<b>+53,000</b>	<b>65,303</b>	<b>11,651</b>	<b>0</b>	<b>0</b>	<b>607</b>		

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
POWER	11,651	OUTLET	0
SPILL	0	TOTAL	11,651
		THIS MONTH =	3.02
		JULY 1, 2001 TO DATE =	15.64



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

JANUARY 2002

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: September 14, 2004

DAY	ELEV	STORAGE		TULLOCH	RIVER		RELEASE - C.F.S.		
		ACRE-FEET	CHANGE		RES.	RELEASE	OUTLET	SPILL	JOINT
								CANALS	
								MAIN	
								SOUTH	
								MAIN	
		541							
1	360.05	541	+0	284	0	304	0	0	0
2	360.05	541	+0	273	0	312	0	0	0
3	360.05	541	+0	277	0	303	0	0	0
4	360.05	541	+0	285	0	303	0	0	0
5	360.05	541	+0	287	0	305	0	0	0
6	360.05	541	+0	287	0	305	0	0	0
7	360.03	539	-2	289	0	307	0	0	0
8	360.05	541	+2	277	0	305	0	0	0
9	360.05	541	+0	293	0	311	0	0	0
10	360.05	541	+0	292	0	311	0	0	0
11	360.05	541	+0	302	0	308	0	0	0
12	360.05	541	+0	339	0	308	0	0	0
13	360.05	541	+0	354	0	311	0	0	0
14	360.05	541	+0	352	0	310	0	0	0
15	360.05	541	+0	355	0	313	0	0	0
16	360.05	541	+0	345	0	311	0	0	0
17	360.05	541	+0	339	0	310	0	0	0
18	360.05	541	+0	341	0	316	0	0	0
19	360.05	541	+0	336	0	309	1	0	0
20	360.05	541	+0	340	0	309	5	0	0
21	360.05	541	+0	340	0	313	5	0	0
22	360.05	541	+0	337	0	310	4	0	0
23	360.05	541	+0	339	0	312	3	0	0
24	360.05	541	+0	338	0	313	3	0	0
25	360.05	541	+0	337	0	311	3	0	0
26	360.05	541	+0	332	0	310	3	0	0
27	360.05	541	+0	337	0	310	3	0	0
28	360.05	541	+0	336	0	310	3	0	0
29	360.05	541	+0	297	0	312	3	0	0
30	360.05	541	+0	305	0	309	3	0	0
31	360.05	541	+0	336	0	312	3	0	0
<b>TOTALS</b>			<b>+0</b>	<b>9,881</b>	<b>0</b>	<b>9,593</b>	<b>42</b>	<b>0</b>	<b>0</b>
<b>ACRE-FEET</b>			<b>+0</b>	<b>19,599</b>	<b>0</b>	<b>19,028</b>	<b>83</b>	<b>0</b>	<b>0</b>

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

**SUMMARY**  
 RELEASE (ACRE-FEET)

JOINT MAIN CANAL	83	OUTLET	0
SOUTH MAIN CANAL	0	SPILL	19,028
		TOTAL	19,111

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

Table 15

JANUARY 2002

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: February 19, 2002

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			
		213.3									
1	499.80	215.1	+1.8	1,174	0	189	0	94	5	.05	
2	500.40	216.8	+1.8	1,177	0	190	0	94	3	.03	
3	501.27	219.4	+2.6	1,484	0	80	0	94	12	.12	
4	502.03	221.7	+2.3	1,240	0	0	0	94	5	.05	
5	502.79	223.9	+2.3	1,246	0	0	0	94	2	.02	
6	503.60	226.4	+2.4	1,332	0	0	0	94	5	.05	
7	504.34	228.6	+2.2	1,234	0	0	0	95	6	.06	
8	505.35	231.7	+3.1	1,773	0	118	0	95	2	.02	
9	506.17	234.3	+2.5	1,576	0	205	0	96	1	.01	
10	507.28	237.7	+3.4	1,922	0	86	0	96	1	.01	
11	508.28	240.8	+3.1	1,677	0	0	0	96	1	.01	
12	509.06	243.3	+2.5	1,337	0	0	0	96	1	.01	
13	509.51	244.7	+1.4	959	0	142	0	96	1	.01	
14	510.79	248.8	+4.1	2,369	0	215	0	97	1	.01	
15	511.48	251.0	+2.2	1,432	0	217	0	97	1	.01	
16	512.44	254.1	+3.1	1,883	0	219	0	97	4	.04	
17	513.31	257.0	+2.8	1,747	0	221	0	97	2	.02	
18	514.43	260.6	+3.7	2,215	0	267	0	94	2	.02	
19	515.34	263.6	+3.0	1,927	0	304	0	91	16	.15	
20	515.94	265.6	+2.0	1,406	0	307	0	90	5	.05	
21	516.84	268.6	+3.0	1,921	0	309	0	90	4	.04	
22	517.60	271.2	+2.6	1,693	0	311	0	90	2	.02	
23	518.61	274.6	+3.4	2,134	0	314	0	91	4	.04	
24	519.08	276.2	+1.6	1,216	0	316	0	91	3	.03	
25	519.12	276.4	+0.1	431	0	269	0	90	3	.03	
26	519.54	277.8	+1.4	1,067	0	236	0	89	18	.16	
27	519.78	278.6	+0.8	746	0	236	0	89	7	.06	
28	520.43	280.8	+2.2	1,458	0	237	0	89	6	.05	
29	521.32	283.9	+3.1	1,884	0	239	0	90	7	.06	
30	522.29	287.3	+3.4	2,031	0	241	0	90	1	.01	
31	523.06	290.0	+2.7	1,691	0	243	0	91	1	.01	
<b>TOTALS</b>			<b>+76.7</b>	<b>47,382</b>	<b>0</b>	<b>5,711</b>	<b>0</b>	<b>2,887</b>	<b>132</b>	<b>1.26</b>	<b>1.49</b>
<b>ACRE-FEET</b>			<b>+76,672</b>	<b>93,982</b>	<b>0</b>	<b>11,328</b>	<b>0</b>	<b>5,726</b>	<b>262</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 =	1.49
MADERA	TOTAL RELEASES	JULY 1, 2001 TO DATE =	8.21

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

Table 16

January 2002

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			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 (%)	
01/01/2002	35,394	217	3,378	1,339	4,946	2,942	4,634	45,274	(13,134)	8,294	4,027	70	0	20	12,411	11,838	45,997	31,460	45,997	27.2%	30.2%	34.1%	
01/02/2002	40,034	218	1,875	1,068	4,634	3,307	4,530	47,829	(12,956)	8,210	4,078	91	0	25	12,404	12,146	48,381	34,464	47,189	25.7%	28.0%	33.5%	
01/03/2002	44,072	220	8,907	1,646	4,425	3,674	4,484	59,270	(10,039)	8,121	4,017	108	0	19	12,265	12,249	57,044	38,986	50,474	20.5%	24.1%	31.7%	
01/04/2002	50,652	221	3,293	2,447	4,393	4,267	4,859	61,006	(5,981)	8,095	4,053	103	0	23	12,275	12,191	54,713	43,704	51,534	19.9%	21.8%	29.7%	
01/05/2002	57,660	223	9,602	1,285	5,984	4,683	4,900	74,754	(3,521)	1,493	4,101	112	0	22	5,728	9,960	72,546	50,164	55,736	7.5%	15.3%	22.6%	
01/06/2002	63,876	224	34,595	952	5,065	4,828	4,808	104,712	(3,571)	1,497	4,107	113	0	23	5,741	7,783	102,542	59,887	63,537	5.4%	9.7%	15.9%	
01/07/2002	65,552	226	34,482	886	4,346	4,700	4,700	105,492	(3,393)	1,489	4,109	111	0	23	5,732	5,599	103,152	69,196	69,196	5.3%	5.9%	10.4%	
01/08/2002	64,512	227	21,939	851	4,053	4,547	4,558	91,582	1,400	1,497	4,186	91	0	25	5,798	5,629	84,384	74,680	71,095	6.2%	5.6%	9.8%	
01/09/2002	63,184	227	14,493	800	3,566	4,360	4,398	82,270	1,350	1,497	4,075	98	0	21	5,691	5,618	75,229	78,516	71,554	6.8%	6.0%	9.3%	
01/10/2002	62,030	227	9,162	758	3,113	4,125	4,233	75,290	1,300	7,688	4,124	101	0	19	11,931	7,689	62,059	79,232	70,605	15.7%	9.3%	12.1%	
01/11/2002	60,264	227	4,080	709	2,748	3,640	4,083	68,028	1,300	7,589	4,130	101	0	11	11,831	9,701	54,897	79,258	69,177	17.2%	12.9%	14.8%	
01/12/2002	57,447	227	2,860	659	2,588	3,268	3,948	63,781	1,022	7,490	4,116	187	0	18	11,811	11,712	50,948	76,173	67,658	18.2%	17.0%	17.2%	
01/13/2002	52,660	227	2,628	624	2,464	2,982	3,825	58,603	1,022	7,444	4,124	291	0	11	11,870	11,631	45,711	68,054	65,969	19.7%	18.3%	16.7%	
01/14/2002	46,804	227	2,375	602	2,344	2,723	3,712	52,352	972	7,447	4,108	295	0	15	11,865	11,576	39,515	58,963	64,080	22.1%	19.9%	16.4%	
01/15/2002	41,324	227	1,145	583	2,241	2,523	3,608	45,520	972	7,398	4,214	296	0	22	11,930	11,578	32,618	51,568	61,982	25.5%	22.2%	16.4%	
01/16/2002	36,500	227	66	562	2,161	2,377	3,514	39,516	922	7,341	4,175	293	0	21	11,830	11,561	26,765	44,645	59,781	29.1%	25.2%	16.5%	
01/17/2002	33,829	227	0	525	2,094	2,274	3,426	36,675	1,150	7,342	4,170	280	0	23	11,816	11,547	23,709	39,166	57,659	31.4%	28.5%	16.8%	
01/18/2002	31,490	227	0	503	2,025	2,185	3,345	34,245	1,100	7,346	4,161	249	0	17	11,772	11,511	21,373	34,377	55,643	33.6%	31.3%	17.3%	
01/19/2002	29,550	227	0	490	1,963	2,106	3,270	32,230	1,100	7,294	4,163	249	0	9	11,715	11,492	19,415	29,872	53,737	35.5%	33.4%	18.1%	
01/20/2002	27,648	227	0	475	1,917	2,039	3,200	30,267	1,100	6,842	4,162	278	0	12	11,294	11,323	17,873	25,896	51,944	36.4%	35.1%	19.4%	
01/21/2002	26,096	227	0	464	1,875	1,981	3,135	28,662	1,050	7,245	4,144	290	0	11	11,689	11,284	15,923	22,525	50,228	39.7%	37.1%	21.4%	
01/22/2002	24,412	227	0	451	1,834	1,934	3,076	26,924	1,050	6,931	4,166	291	0	11	11,399	11,163	14,475	19,933	48,603	41.2%	39.0%	23.2%	
01/23/2002	23,432	227	0	457	1,828	1,893	3,021	25,944	1,000	6,906	4,156	289	0	10	11,361	11,183	13,583	18,050	47,080	42.6%	41.1%	25.3%	
01/24/2002	22,416	227	0	441	1,811	1,860	2,969	24,895	1,000	7,249	4,169	287	0	15	11,721	11,193	12,174	16,402	45,626	45.9%	43.2%	27.6%	
01/25/2002	21,788	227	0	424	1,789	1,832	2,921	24,228	1,000	7,246	4,192	285	0	11	11,734	11,306	11,494	14,991	44,261	47.2%	45.2%	30.2%	
01/26/2002	20,848	227	0	419	1,773	1,811	2,877	23,267	1,000	7,250	4,197	251	0	9	11,706	11,435	10,561	13,726	42,965	49.2%	47.4%	33.1%	
01/27/2002	20,080	227	0	471	1,764	1,795	2,836	22,542	(419)	7,244	4,202	248	0	9	11,703	11,444	11,258	12,781	41,790	50.8%	49.0%	35.8%	
01/28/2002	20,548	227	0	789	1,763	1,781	2,796	23,327	(419)	7,242	4,187	275	0	12	11,715	11,440	12,031	12,225	40,728	49.0%	49.6%	38.3%	
01/29/2002	20,604	227	0	600	1,740	1,770	2,760	23,171	(419)	7,241	4,173	280	0	12	11,706	11,429	11,885	11,855	39,733	49.3%	49.7%	40.4%	
01/30/2002	20,156	227	0	533	1,748	1,765	2,728	22,664	(648)	7,237	4,140	279	0	12	11,668	11,406	11,644	11,578	38,797	50.2%	49.5%	42.1%	
01/31/2002	19,724	227	0	479	1,780	1,764	2,697	22,210	(698)	7,235	4,132	289	0	14	11,669	11,386	11,238	11,444	37,908	51.2%	50.2%	43.7%	
<b>Total</b>	<b>1,204,586</b>	<b>6,997</b>	<b>154,880</b>	<b>23,292</b>	<b>86,775</b>	<b>87,738</b>	<b>113,849</b>	<b>1,476,530</b>	<b>(34,388)</b>	<b>200,442</b>	<b>128,257</b>	<b>6,582</b>	<b>0</b>	<b>501</b>	<b>335,781</b>	<b>329,002</b>	<b>1,175,137</b>	<b>1,233,774</b>	<b>1,682,264</b>	<b>925.2%</b>	<b>900.7%</b>	<b>739.8%</b>	
<b>Average</b>	<b>38,858</b>	<b>226</b>	<b>4,996</b>	<b>751</b>	<b>2,799</b>	<b>2,830</b>	<b>3,673</b>	<b>47,630</b>	<b>(1,109)</b>	<b>6,466</b>	<b>4,137</b>	<b>212</b>	<b>0</b>	<b>16</b>	<b>10,832</b>	<b>10,613</b>	<b>37,908</b>	<b>39,799</b>	<b>1,682,264</b>	<b>29.8%</b>	<b>29.1%</b>	<b>23.9%</b>	

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

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT

JANUARY 2002

CONSOLIDATED STATE-FEDERAL SAN LUIS RESERVOIR  
DAILY OPERATIONS

RUN DATE: April 3, 2002

DAY	ELEV	STORAGE		SAN LUIS PUMPING C.F.S.	RELEASE - C.F.S.			GAIN(+) OR LOSS(-) C.F.S.	EVAPORATION		PRECIP INCHES
		ACRE-FOOT IN LAKE	CHANGE		POWER	PACHECO TUNNEL	SPILL		C.F.S.	INCHES	
		1,385,632									
1	490.90	1,404,518	+18,886	9,661	0	140	0	+1	0	.00	.01
2	492.39	1,421,239	+16,721	8,581	0	144	0	-8	7	.02	.23
3	493.92	1,438,480	+17,241	8,845	0	146	0	-7	7	.02	.36
4	495.75	1,459,192	+20,712	10,597	0	133	0	-22	22	.06	.00
5	496.93	1,472,601	+13,409	6,894	0	134	0	-1	0	.00	.00
6	497.75	1,481,943	+9,342	4,848	0	138	0	+0	0	.00	.01
7	498.28	1,487,992	+6,049	3,198	0	137	0	-11	11	.03	.00
8	498.93	1,495,423	+7,431	3,898	0	145	0	-7	7	.02	.01
9	499.55	1,502,521	+7,098	3,739	0	146	0	-15	15	.04	.01
10	500.81	1,516,983	+14,462	7,447	0	145	0	-11	11	.03	.00
11	502.02	1,530,916	+13,933	7,173	0	145	0	-4	4	.01	.00
12	503.11	1,543,503	+12,587	6,492	0	146	0	+0	0	.00	.00
13	505.07	1,566,226	+22,723	11,621	0	146	0	-19	19	.05	.05
14	506.35	1,581,127	+14,901	7,666	0	146	0	-8	8	.02	.00
15	507.42	1,593,620	+12,493	6,463	0	154	0	-11	11	.03	.00
16	508.71	1,608,726	+15,106	7,768	0	152	0	+0	0	.00	.00
17	510.04	1,624,352	+15,626	8,036	0	158	0	+1	0	.00	.00
18	511.20	1,638,022	+13,670	7,073	0	139	0	-42	42	.11	.00
19	512.45	1,652,798	+14,776	7,603	0	153	0	+0	0	.00	.00
20	513.77	1,668,450	+15,652	8,045	0	154	0	+1	0	.00	.00
21	514.77	1,680,341	+11,891	6,148	0	153	0	+1	0	.00	.00
22	515.88	1,693,575	+13,234	6,941	0	153	0	-116	116	.30	.00
23	517.15	1,708,759	+15,184	7,836	0	150	0	-31	31	.08	.00
24	518.14	1,720,628	+11,869	6,133	0	149	0	-1	0	.00	.00
25	519.10	1,732,165	+11,537	6,041	0	159	0	-66	66	.17	.00
26	520.07	1,743,849	+11,684	6,051	0	153	0	-8	8	.02	.00
27	521.68	1,763,301	+19,452	9,989	0	143	0	-39	39	.10	.08
28	522.46	1,772,752	+9,451	4,950	0	146	0	-39	39	.10	.01
29	523.69	1,787,690	+14,938	7,702	0	143	0	-28	28	.07	.00
30	524.35	1,795,724	+8,034	4,200	0	150	0	+0	0	.00	.00
31	525.28	1,807,066	+11,342	5,878	0	160	0	+0	0	.00	.00
<b>TOTALS</b>			<b>+421,434</b>	<b>217,517</b>	<b>0</b>	<b>4,560</b>	<b>0</b>	<b>-490</b>	<b>491</b>	<b>1.28</b>	<b>.77</b>
<b>ACRE-FOOT</b>			<b>+421,434</b>	<b>431,445</b>	<b>0</b>	<b>9,045</b>	<b>0</b>	<b>-972</b>	<b>974</b>		

SUMMARY

	RELEASE (ACRE-FOOT)			PRECIPITATION	
POWER	0	SPILL	0	THIS MONTH =	.77
PACHECO TUNNEL	9,045	TOTAL	9,045	JULY 1, 2001 TO DATE =	5.16

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

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT

JANUARY 2002

CONSOLIDATED STATE-FEDERAL O'NEILL FOREBAY  
DAILY OPERATIONS

RUN DATE: April 3, 2002

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		
		51,153									
1	222.45	49,580	-1,573	3,737	0	7,648	0	9,661	2,577		+60
2	223.98	53,673	+4,093	3,732	0	7,983	0	8,581	1,552		+482
3	224.54	55,184	+1,511	3,749	0	7,578	0	8,845	1,761		+41
4	223.91	53,484	-1,700	3,731	0	7,408	0	10,597	1,375		-23
5	221.97	48,308	-5,176	3,787	0	2,307	0	6,894	1,808		+0
6	220.48	44,400	-3,908	3,853	0	1,763	0	4,848	2,441		-297
7	220.37	44,114	-286	3,804	0	1,548	0	3,198	1,961		-338
8	219.98	43,100	-1,014	3,743	0	1,465	0	3,898	1,842		+21
9	219.60	42,119	-981	3,729	0	1,381	0	3,739	1,929		+64
10	220.33	44,009	+1,890	3,713	0	7,077	0	7,447	2,422		+32
11	221.32	46,600	+2,591	3,729	0	7,259	0	7,173	2,430		-79
12	222.86	50,673	+4,073	3,718	0	7,330	0	6,492	2,511		+9
13	219.91	42,919	-7,754	3,760	0	7,296	0	11,621	3,372		+28
14	220.08	43,360	+441	3,706	0	6,994	0	7,666	2,769		-41
15	221.38	46,758	+3,398	3,683	0	7,004	0	6,463	2,652		+142
16	221.70	47,598	+840	3,737	0	7,216	0	7,768	2,657		-104
17	221.80	47,861	+263	3,737	0	7,139	0	8,036	2,684		-24
18	222.18	48,863	+1,002	3,716	0	6,846	0	7,073	2,868		-115
19	222.23	48,995	+132	3,734	0	6,967	0	7,603	3,162		+130
20	220.58	44,661	-4,334	3,809	0	6,393	0	8,045	4,117		-225
21	221.57	47,257	+2,596	3,756	0	7,280	0	6,148	3,383		-197
22	222.13	48,730	+1,473	3,729	0	6,995	0	6,941	3,187		+147
23	221.50	47,073	-1,657	3,766	0	7,059	0	7,836	3,741		-83
24	221.81	47,887	+814	3,728	0	6,781	0	6,133	3,910		-56
25	222.20	48,916	+1,029	3,647	0	7,007	0	6,041	4,140		+47
26	223.07	51,233	+2,317	3,613	0	7,229	0	6,051	3,707		+85
27	219.60	42,119	-9,114	3,631	0	6,637	0	9,989	4,751		-124
28	221.31	46,574	+4,455	3,493	0	6,375	0	4,950	2,621		-51
29	221.27	46,469	-105	3,339	0	6,873	0	7,702	3,166		+604
30	223.18	51,527	+5,058	3,089	0	6,716	0	4,200	3,048		-8
31	223.82	53,242	+1,715	2,987	0	6,617	0	5,878	2,952		+202
<b>TOTALS</b>			<b>+2,089</b>	<b>113,685</b>	<b>0</b>	<b>192,171</b>	<b>0</b>	<b>217,517</b>	<b>87,496</b>		<b>+329</b>
<b>ACRE-FEET</b>			<b>+2,089</b>	<b>225,494</b>	<b>0</b>	<b>381,171</b>	<b>0</b>	<b>431,445</b>	<b>173,548</b>	<b>221</b>	<b>653</b>

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

**SUMMARY**  
RELEASE (ACRE-FEET)

O'NEILL GEN.	0	DOS AMIGOS PUMP	173,548
SAN LUIS PUMP	431,445	DELIVERIES	221
		TOTAL	605,214

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

Table 19

JANUARY 2002

FEDERAL-STATE OPERATIONS  
 SAN LUIS UNIT

RUN DATE: February 14, 2002

DAY	AQUEDUCT CHECK 12			O'NEILL			SAN LUIS			SAN LUIS			PACHECO PUMP	DOS AMIGOS			
	STATE	FED	TOTAL	FED	STATE	GENER TOTAL	FED	STATE	GENER TOTAL	FED	STATE	GENER TOTAL		FED	STATE	GENER TOTAL	
1	15,169	0	15,169	7,413	0	7,413	0	9,572	10,453	20,025	0	0	0	278	701	4,410	5,111
2	15,835	0	15,835	7,402	0	7,402	0	4,063	13,124	17,187	0	0	0	285	669	2,410	3,079
3	15,031	0	15,031	7,436	0	7,436	0	4,130	14,566	18,696	0	0	0	290	685	2,808	3,493
4	14,693	0	14,693	7,400	0	7,400	0	8,545	13,715	22,260	0	0	0	264	692	2,036	2,728
5	4,575	0	4,575	7,511	0	7,511	0	6,178	7,935	14,113	0	0	0	265	672	2,915	3,587
6	3,497	0	3,497	7,642	0	7,642	0	10,068	-12	10,056	0	0	0	274	173	4,669	4,842
7	3,070	0	3,070	7,546	0	7,546	0	6,969	-199	6,770	0	0	0	272	193	3,696	3,889
8	2,906	0	2,906	7,424	0	7,424	0	8,181	-184	7,997	0	0	0	287	192	3,462	3,654
9	2,739	0	2,739	7,397	0	7,397	0	7,841	128	7,969	0	0	0	289	192	3,634	3,826
10	14,038	0	14,038	7,365	0	7,365	0	3,819	11,750	15,569	0	0	0	288	193	4,611	4,804
11	14,398	0	14,398	7,397	0	7,397	0	8,531	6,526	15,057	0	0	0	288	194	4,625	4,819
12	14,539	0	14,539	7,374	0	7,374	0	6,854	7,131	13,985	0	0	0	290	200	4,780	4,980
13	14,472	0	14,472	7,457	0	7,457	0	11,535	12,501	24,036	0	0	0	289	178	6,510	6,688
14	13,872	0	13,872	7,350	0	7,350	0	6,606	9,376	15,982	0	0	0	289	195	5,298	5,493
15	13,892	0	13,892	7,306	0	7,306	0	6,726	6,847	13,573	0	0	0	306	684	4,577	5,261
16	14,313	0	14,313	7,412	0	7,412	0	6,724	9,853	16,577	0	0	0	301	711	4,560	5,271
17	14,161	0	14,161	7,412	0	7,412	0	6,704	10,309	17,013	0	0	0	314	1,123	4,201	5,324
18	13,579	0	13,579	7,370	0	7,370	0	6,646	8,443	15,089	0	0	0	275	1,118	4,571	5,689
19	13,820	0	13,820	7,406	0	7,406	0	6,700	9,385	16,085	0	0	0	304	1,102	5,169	6,271
20	12,681	0	12,681	7,555	0	7,555	0	11,406	5,926	17,332	0	0	0	306	1,069	7,097	8,166
21	14,440	0	14,440	7,451	0	7,451	0	4,199	9,204	13,403	0	0	0	304	1,096	5,614	6,710
22	13,874	0	13,874	7,397	0	7,397	0	4,043	10,662	14,705	0	0	0	303	1,109	5,213	6,322
23	14,001	0	14,001	7,470	0	7,470	0	6,442	10,116	16,558	0	0	0	297	1,755	5,666	7,421
24	13,451	0	13,451	7,395	0	7,395	0	6,447	6,674	13,121	0	0	0	295	1,801	5,955	7,756
25	13,898	0	13,898	7,233	0	7,233	0	6,371	6,690	13,061	0	0	0	315	2,081	6,131	8,212
26	14,338	0	14,338	7,166	0	7,166	0	4,022	9,029	13,051	0	0	0	304	2,063	5,290	7,353
27	13,165	0	13,165	7,203	0	7,203	0	10,295	10,959	21,254	0	0	0	283	2,079	7,344	9,423
28	12,644	0	12,644	6,928	0	6,928	0	3,868	6,729	10,597	0	0	0	290	2,006	3,192	5,198
29	13,632	0	13,632	6,622	0	6,622	0	5,625	9,949	15,574	0	0	0	284	2,038	4,242	6,280
30	13,321	0	13,321	6,128	0	6,128	0	3,786	5,223	9,009	0	0	0	297	2,063	3,982	6,045
31	13,125	0	13,125	5,925	0	5,925	0	3,899	8,993	12,892	0	0	0	317	2,099	3,756	5,855
<b>TOTAL</b>	<b>381,169</b>	<b>0</b>	<b>381,169</b>	<b>225,493</b>	<b>0</b>	<b>225,493</b>	<b>0</b>	<b>458,596</b>	<b>458,596</b>	<b>917,192</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,043</b>	<b>TOTAL</b>	<b>173,550</b>	<b>173,550</b>
<b>FEDERAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225,493</b>	<b>0</b>	<b>225,493</b>	<b>0</b>	<b>206,795</b>	<b>206,795</b>	<b>413,590</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>FEDERAL</b>	<b>31,126</b>	<b>31,126</b>
<b>STATE</b>	<b>381,169</b>	<b>0</b>	<b>381,169</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>251,801</b>	<b>251,801</b>	<b>503,602</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>STATE</b>	<b>142,424</b>	<b>142,424</b>
															<b>XVC</b>	<b>0</b>	<b>0</b>

COMMENTS: ALL VALUES IN ACRE-FEET

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

Table 20

JANUARY 2002

FEDERAL-STATE OPERATIONS

RUN DATE: February 14, 2002

DAY	TRACY PUMPING			CLIFT COURT TOTAL	DELTA PUMPING PLANT			FED BANKS XVC	STATE DOS		BYRON BETHANY TOTAL	AQEDUCT STATE	CHECK 21		DMC-POOL DEMANDS
	FED	STATE	TOTAL		STATE	FED	TOTAL		AMIGOS XVC				FED	TOTAL	
1	7,987	0	7,987	16,452	16,173	0	16,173	0	0	0	5,433	0	5,433	574	
2	8,089	0	8,089	16,285	16,005	0	16,005	0	0	0	2,684	0	2,684	687	
3	7,967	0	7,967	16,108	15,850	0	15,850	0	0	0	2,830	0	2,830	531	
4	8,039	0	8,039	16,057	15,541	0	15,541	0	0	0	2,741	0	2,741	639	
5	8,135	0	8,135	2,962	3,693	0	3,693	0	0	0	3,248	0	3,248	624	
6	8,147	0	8,147	2,970	3,013	0	3,013	0	0	0	4,707	0	4,707	505	
7	8,151	0	8,151	2,954	2,933	0	2,933	0	0	0	2,904	0	2,904	605	
8	8,303	0	8,303	2,969	2,990	0	2,990	0	0	0	3,145	0	3,145	879	
9	8,083	0	8,083	2,970	3,293	0	3,293	0	0	0	3,507	0	3,507	686	
10	8,179	0	8,179	15,249	14,797	0	14,797	0	0	0	3,526	0	3,526	814	
11	8,191	0	8,191	15,053	15,032	0	15,032	0	0	0	3,671	0	3,671	794	
12	8,165	0	8,165	14,856	14,985	0	14,985	0	0	0	4,050	0	4,050	791	
13	8,179	0	8,179	14,766	14,959	0	14,959	0	0	0	5,480	0	5,480	722	
14	8,148	0	8,148	14,771	14,965	0	14,965	0	0	0	3,757	0	3,757	798	
15	8,359	0	8,359	14,673	14,501	0	14,501	0	0	0	4,047	0	4,047	1,053	
16	8,281	0	8,281	14,560	14,775	0	14,775	0	0	0	3,697	0	3,697	869	
17	8,272	0	8,272	14,563	14,627	0	14,627	0	0	0	4,500	0	4,500	860	
18	8,253	0	8,253	14,570	14,119	0	14,119	0	0	0	4,231	0	4,231	883	
19	8,258	0	8,258	14,468	14,360	0	14,360	0	0	0	4,654	0	4,654	852	
20	8,255	0	8,255	13,572	14,110	0	14,110	0	0	0	6,195	0	6,195	700	
21	8,219	0	8,219	14,371	14,371	0	14,371	0	0	0	5,122	0	5,122	768	
22	8,263	0	8,263	13,747	14,434	0	14,434	0	0	0	5,182	0	5,182	866	
23	8,243	0	8,243	13,699	14,301	0	14,301	0	0	0	5,279	0	5,279	773	
24	8,270	0	8,270	14,379	14,593	0	14,593	0	0	0	5,748	0	5,748	875	
25	8,315	0	8,315	14,373	14,373	0	14,373	0	0	0	5,882	0	5,882	1,082	
26	8,324	0	8,324	14,380	14,295	0	14,295	0	0	0	5,833	0	5,833	1,158	
27	8,335	0	8,335	14,368	14,410	0	14,410	0	0	0	6,342	0	6,342	1,132	
28	8,304	0	8,304	14,364	13,441	0	13,441	0	0	0	4,022	0	4,022	1,376	
29	8,277	0	8,277	14,362	13,825	0	13,825	0	0	0	4,463	0	4,463	1,655	
30	8,211	0	8,211	14,355	14,097	0	14,097	0	0	0	3,830	0	3,830	2,083	
31	8,195	0	8,195	14,350	14,156	0	14,156	0	0	0	4,300	0	4,300	2,270	
<b>TOTALS</b>	<b>254,397</b>	<b>0</b>	<b>254,397</b>	<b>397,576</b>	<b>397,017</b>	<b>0</b>	<b>397,017</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>135,010</b>	<b>0</b>	<b>135,010</b>	<b>28,904</b>	

COMMENTS: ALL VALUES IN ACRE-FEET

**Table 21**

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

**Central Valley Project - California  
 2002**

Monthly Diversions in AF

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>CANALS</b>													
Contra Costa													13049
Delta-Mendota													254400
Actual Fed Dos Amigos													NA
Madera													0
Friant-Kern													11328
Corning													0
Folsom-South													1553
Sly Park - Camino Conduit													1097
Tehama-Colusa													0
<b>CACHUMA PROJECT</b>													
Tecolete Tunnel													1872
<b>KLAMATH PROJECT</b>													
"A" Canal Upper Klamath													0
Klamath Drainage District													25120
Clear Lake Reservoir													0
Gerber Reservoir													0
Klamath River to Lost River													0
<b>ORLAND PROJECT</b>													
Stony Creek													0
South Canal													0
North Canal													0
<b>SOLANO PROJECT</b>													
Putah South Canal													3319

NA = Not Available at time of printing report.



**Table 22**

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

**Friant-Kern Canal  
2002**

Monthly Deliveries in AF

Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Alpaugh ID													0
Arvin-Edison WSD													0
Atwell Island WD													0
Delano-Earlimart ID													0
Exeter ID													0
City of Fresno				January deliveries not received at time of printing.									0
County of Fresno SA #34													0
Fresno ID													0
Garfield WD													0
Hills Valley ID													0
International WD													0
Ivanhoe ID													0
Kawaeah Delta WCD													0
Kern County Water Agency													0
Kern-Tulare WD													0
Lewis Creek WD													0
Lindmore ID													0
City of Lindsay													0
Lindsay-Strathmore ID													0
Lower Tule River ID													0
North-Kern WSD													0
City of Orange Cove													0
Orange Cove ID													0
Pixley ID													0
Porterville ID													0
Rag Gulch WD													0
Rosedale Rio Bravo WSD													0
Saucelito ID													0
Semitropic WSD													0
Shafter Wasco ID													0
Southern San Joaquin MUD													0
Smallwood Vineyards													0
Stone Corral ID													0
Strathmore PUD													0
Styro Tek, Inc.													0
Tea Pot Dome WD													0
Terra Bella ID													0
Tri-Valley WD													0
Tulare ID													0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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  
2001**

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	January deliveries not received at time of printing.												0
Madera ID													0
Soquel													0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MILLERTON LAKE</b>													
County of Madera													0
Fresno County # 18	January deliveries not received at time of printing.												0
Gravelly Ford WD													0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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



**Table 25**

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

Monthly Deliveries in AF

**Delta-Mendota Canal  
2002**

Water User	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Banta Carbona ID	0												0
Broadview WD	428												428
CCID (Abv CK 13)	61												61
CCID (Blw CK 13)	309												309
Centinella WD	0												0
China Island (76.05)	0												0
Del Puerto WD	56												56
DWR Intertie @MP7.70-R	0												0
Eagle Field WD	0												0
Firebaugh Canal	192												192
Frietas Unit (76.05L)	0												0
Mercy Springs WD	1												1
Oro Loma WD	0												0
Panoche WD - Ag	51												51
Panoche WD - M&I	2												2
Patterson WD	0												0
Plainview WD	0												0
Salt Slough Unit (76.05L)	0												0
San Luis WD - Ag	355												355
San Luis WD - M&I	1												1
Tracy, City of	0												0
West Side ID	6												6
Wildren	0												0
W. Stanislaus ID	0												0
F&G - Los Banos Ref. 76.05L	0												0
Volta Wildlife Mgmt Area	0												0
Grasslands -76.05L	4820												4820
Grasslands - Volta	402												402
F&S (Volta) Santa Fee Kest.	0												0
F&S - Kesterson 76.05L	0												0
<b>Total DMC Deliveries</b>	<b>6684</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6684</b>
Oneill Pumped	225493	107583	42239	45336	(110700)	(38623)	22034	50176	92250	112757	(169650)	195484	574379
DMC plus Oneill	232177	107583	42239	45336	(110700)	(38623)	22034	50176	92250	112757	(169650)	195484	581063

\* Data supplied by San Luis Delta-Mendota Water Authority

Table 26

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

**San Luis and Cross Valley Canals  
2002**

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	99												99
Broadview WD	0												0
City of Coalinga	178												178
City of Dos Palos	67												67
City of Huron	44												44
Pacheco WD	328												328
Panoche WD	2602												2602
San Luis WD	1066												1066
Westlands WD (Federal)	17661												17661
Phase I (Non-chargeable)	0												0
Fish & Game (Lateral 4)	1												1
Fish & Game (Lateral 6)	93												93
<b>Total</b>	<b>22139</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22139</b>
<b>O'NEILL FOREBAY DELIVERIES</b>													
Oneill Forebay Wildlife	76												76
San Luis WD Ag	117												117
San Luis M&I	28												28
VA Cemetary	2												2
<b>Total</b>	<b>223</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>223</b>
<b>CROSS VALLEY CANAL</b>													
Arvin Edison WSD	0												0
Kern-Tulare	0												0
Pixley ID	0												0
Rag Gulch	0												0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SAN FELIPE DIVISION</b>													
Santa Clara	8720												8720
San Benito	323												323
<b>Total</b>	<b>9043</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9043</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 28**

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

Monthly Deliveries in AF

**Sacramento River  
 2002**

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

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

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

**Sacramento-San Joaquin Valley - Streamflow Data**  
 2002

Mean monthly flow in cfs

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Sacramento River</b>												
Shasta computed inflow	14181											
At Keswick	6960											
At Bend Bridge	15587											
At Vina Bridge	19635											
At Ord Ferry	22050											
At Colusa	20772											
Below Wilkins Slough	18180											
At Verona	34138											
Sacramento at "I" Street	36687											
<b>Miscellaneous Stations</b>												
Folsom computed inflow	3901											
American R at Nimbus Dam	1460											
Kings River at Pine Flat	95											
<b>San Joaquin River</b>												
At Friant Dam	93											
Near Vernalis	2920											
<b>Putah Creek</b>												
Berryessa computed inflow	2096											
Putah Creek - Lake Solano	45											
<b>Stanislaus River</b>												
New Melones computed inflow	1062											
At Tulloch Dam	319											
At Orange Blossom	247											

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



Precipitation Summary

Table 30

STATION	Month	Actual	Mean	Mean	Percent	Actual
	Jan 02	Jul 01 - Jan 02	Season	Season	of Jul-Jun	WY 01
				Total	Season	Total
				Jul 01 -Jun 02	TOTAL	Oct 01 - Jan 02
Alturas	0.79	6.66	1.40	12.50	53	5.53
Auberry	NR	12.34	4.39	24.72	50	12.15
Auburn	NR	15.53	6.28	33.66	46	15.08
Bakersfield	0.52	2.53	1.06	6.12	41	2.48
Blue Canyon	6.60	39.30	11.95	63.49	62	38.72
Cachuma	0.87	7.48	4.20	19.94	38	7.42
Calaveras Big Trees	3.60	29.46	10.11	54.49	54	28.64
Callahan	1.94	12.80	3.58	21.30	60	11.61
Colfax	4.29	25.53	8.97	46.86	54	25.15
Crane Valley	1.62	18.07	7.92	40.36	45	17.96
East Park	3.53	16.86	3.86	17.92	94	16.86
Folsom	2.64	14.06	4.54	24.15	58	13.62
Ft. Jones	3.22	15.19	4.04	21.57	70	13.76
Fresno	0.76	5.05	1.84	10.24	49	4.98
Friant Dam	1.49	8.21	2.50	14.12	58	8.11
Hetch Hetchy	2.78	22.13	5.89	35.67	62	20.31
Huntington	4.30	25.33	7.15	42.65	59	24.40
Georgetown	5.24	26.68	10.22	53.76	50	26.68
Lake Spaulding	6.40	42.57	12.30	68.66	62	41.86
Markley Cove (Berryessa)	2.38	18.11	5.94	25.53	71	17.78
McCloud	4.24	29.85	8.78	49.51	60	28.36
Mt. Shasta	4.63	27.68	6.67	32.52	85	25.95
New Melones	3.02	15.64	5.16	24.17	65	15.42
Pacific House	4.28	24.16	8.90	50.47	48	24.16
Placerville	4.51	22.05	7.25	38.35	57	21.58
Sacramento	2.19	11.58	3.73	18.33	63	11.25
Salt Springs	3.15	25.13	8.14	45.54	55	24.24
San Luis	0.72	5.06	1.94	9.81	52	5.00
Shasta Dam	6.10	45.51	11.35	60.44	75	44.52
Soda Springs	6.93	35.62	10.14	58.20	61	34.48
Sly Park	4.69	25.19	8.94	48.91	52	24.81
Stony Gorge	2.85	16.40	3.80	18.59	88	16.40
Susanville Airport	2.12	9.95	3.26	18.10	55	9.55
Tiger Creek	3.68	24.13	8.57	46.24	52	23.68
Trinity River Hatchery	3.83	24.89	6.22	34.10	73	23.46
Twin Lakes	3.15	24.46	8.36	47.57	51	23.37
Weaverville Ranger St.	4.88	29.27	7.37	38.21	77	28.18
Whiskeytown Dam	7.24	46.89	11.49	60.59	77	45.86
Yosemite Valley Hdqts.	2.28	20.84	6.09	36.65	57	20.28
Klamath Experiment St.	1.20	7.88	1.91	13.02	61	6.99

Data supplied by various agencies.