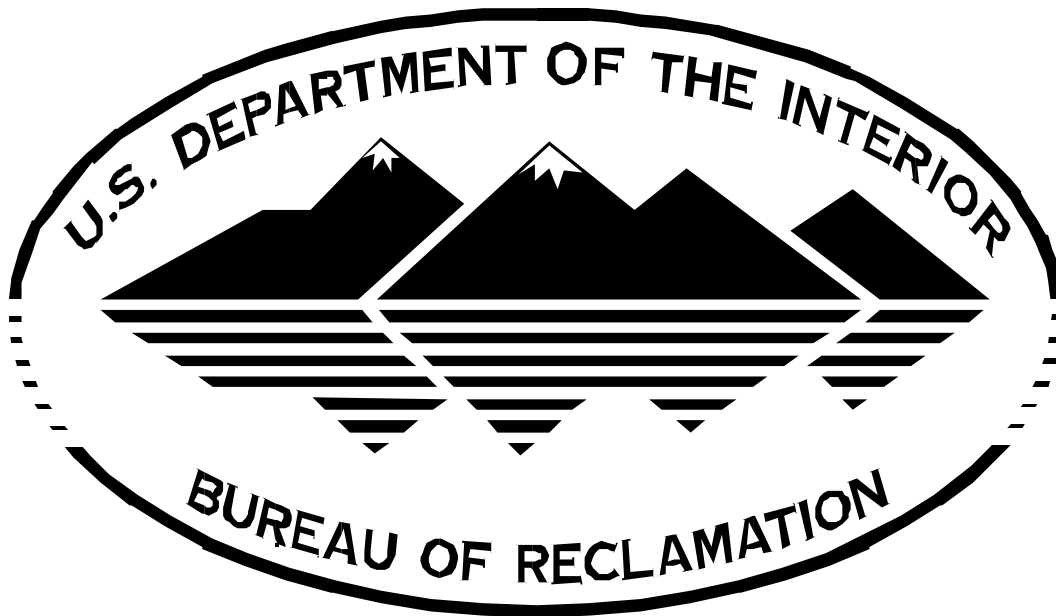


**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION**

**CENTRAL VALLEY OPERATIONS OFFICE**

**REPORT OF OPERATIONS**



February 2002

Contact Person:

Valerie Ungvari, Hydrologic Technician

3310 El Camino Avenue, Suite 300

Sacramento, CA 95821

Telephone: (916) 979-2448

E-mail: [vungvari@mp.usbr.gov](mailto:vungvari@mp.usbr.gov)

INDEX

	<u>Page Number</u>
Summary of February 2002 .....	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, 2002 .....	21
Monthly Deliveries - Friant-Kern Canal, 2002 .....	22
Monthly Deliveries - Madera Canal and Millerton Lake, 2002 ....	23
Monthly Deliveries - San Joaquin River and Mendota Pool, 2002 .	24
Monthly Deliveries - Delta-Mendota Canal, 2002 .....	25
Monthly Deliveries - San Luis and Cross Valley Canal, 2002 ....	26
Monthly Deliveries - Tehama-Colusa Canal, 2002 .....	27
Monthly Deliveries - Sacramento River, 2002 .....	28
Streamflow Data - Sacramento-San Joaquin Valleys, 2002 .....	29
Precipitation - .....	30

## SUMMARY OF FEBRUARY 2002 OPERATIONS

Sacramento had an average monthly temperature of 52.8 °F which was .8 °F below normal. The average temperature at Shasta Dam was 50.6 °F which was 1.5 °F above normal and Huntington Lake was .4 °F above normal with an average temperature of 36.1 °F.

Trinity System: Storage in Trinity Lake increased 105,200 acre-feet this month to 1,757,400 acre-feet, which is 72 percent of capacity and 108 percent of the 15 year average for this date. The total inflow for the month was 127,063 acre-feet. The Trinity River release was 300 ft<sup>3</sup>/s. Whiskeytown Lake was operated between elevations 1198.22 feet and 1198.75 feet with an end-of-month storage of 204,900 acre-feet. The releases to Clear Creek from Whiskeytown Dam ranged between 150 and 200 ft<sup>3</sup>/s. Total diversion from the Trinity River to the Sacramento River watershed for the month was 1,674 acre-feet.

Shasta-Keswick: Storage in Shasta Lake increased 323,100 acre-feet for an end-of-month storage of 3,893,500 acre-feet, which is 84 percent of capacity and 122 percent of the 15 year average. The total inflow for the month was 513,974 acre-feet. The release to the Sacramento River at Keswick ranged between 3,800 and 6,200 ft<sup>3</sup>/s for the month.

Folsom-Nimbus: Storage in Folsom Lake increased 121,300 acre-feet and had an end-of-month storage of 602,400 acre-feet, which is 62 percent of capacity and 131 percent of the 15 year average for this date. The total inflow for the month was 212,268 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 17,900 acre-feet for an end-of-month storage of 1,587,400 acre-feet or 66 percent of capacity and 123 percent of the 15 year average. The release to the Stanislaus River at Goodwin Dam ranged between 275 to 525 ft<sup>3</sup>/s for the month. The total inflow for the month was 43,260 acre-feet.

Delta-San Luis: Federal storage in San Luis Reservoir on February 28, 2002, was 894,000 acre-feet compared to the storage a year ago of 1,049,000 acre-feet.

Friant: Storage in Millerton Lake increased 44,292 acre-feet to 334,300 acre-feet. The total monthly inflow was 80,911 acre-feet. The release to the San Joaquin River at Friant varied between 89 and 116 ft<sup>3</sup>/s.

CVP Totals: The total diversions to CVP canals were 243,209 acre-feet. The February 28, 2002, storage in the 18 CVP reservoirs was 8,680,000 acre-feet compared to storage 1 year ago of 8,674,000 acre-feet.

Power: Gross power production for the CVP totaled 144,986,000 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	02/28/02	02/28/01	WATERSHED	RESERVOIR	TOTAL CAPACITY	02/28/02	02/28/01
KLAMATH	CLEAR LAKE *	526,800	152,030	252,310	AMERICAN	FOLSOM LAKE *CVP	1,010,300	602,370	524,560
	GERBER *	94,300	37,540	52,690		LAKE NATOMA *CVP	9,030	7,690	8,000
	UPR KLAMATH LK *	873,300	415,560	364,560	COSUMNES	JENKINSON LK *CVP	41,000	34,060	33,100
TRINITY	CLAIR ENGLE LK*CVP	2,447,700	1,757,430	1,707,620	MOKELUMNE	CAMANCHE	431,500	233,800	280,820
	LEWISTON LAKE*CVP	14,660	13,880	14,380		PARDEE	210,000	182,640	167,820
	WHISKEYTOWN *CVP	241,100	204,920	210,720	SALT SPRINGS	140,000	7,090	6,090	
MCCLOUD	MCCLOUD DIV. RES	35,230	22,900	20,370	CALAVERAS	NEW HOGAN	317,100	158,540	169,490
PIT	IRON CANYON	24,240	6,170	6,540		NEW MELONES*CVP	2,420,000	1,587,380	1,896,240
	LAKE BRITTON	40,620	34,580	35,100		BEARDSLEY	97,800	23,440	14,070
	PIT NO. 6	15,890	15,570	14,660	STANISLAUS	DONNELLS	64,320	5,470	5,000
	PIT NO. 7	34,610	32,530	33,720		TULLOCH	67,000	56,140	56,530
SACRAMENTO	SHASTA LAKE *CVP	4,552,000	3,839,540	3,495,970	TUOLUMNE	LAKE ELEANOR	26,100	5,680	1,430
	SPRING CREEK *CVP	5,900	4,150	4,420		LAKE LLOYD	268,000	214,780	99,340
	KESWICK *CVP	23,800	21,800	22,300		HETCH-HETCHY	360,400	124,380	178,500
	RED BLUFF DIV *CVP	3,920	320	360	NEW DON PEDRO	2,030,000	1,471,220	1,651,210	
FEATHER	OROVILLE	3,538,000	2,120,160	1,842,160	TURLOCK LAKE	49,000	14,240	26,710	
	THERMALITO DIV RES	13,500	13,390	NR	MERCED	EXCHEQUER	1,024,600	436,140	603,030
	THERMALITO FORE.	14,400	11,660	0		BUCHANAN	150,000	29,160	78,340
	THERMALITO AFTER.	57,000	28,090	27,260	CRANE VALLEY	45,400	27,780	25,500	
STONY CREEK	LAKE ALMANOR	1,143,000	729,600	690,790	LAKE T.A. EDISON	125,000	43,290	40,890	
	EAST PARK *	50,900	48,510	48,760	FLORENCE LAKE	64,600	1,050	1,010	
	STONY GORGE *	50,000	39,740	40,550	SAN JOAQUIN	MAMMOTH POOL	122,700	21,310	19,740
BLACK BUTTE *CVP	143,700	74,700	74,940	HUNTINGTON LAKE		89,800	34,940	36,680	
PUTAH CREEK	LAKE BERRYESSA *	1,602,300	1,494,820	1,450,460		REDINGER LAKE	35,000	23,230	24,810
	LAKE SOLANO *	720	630	570		SHAVER LAKE	135,400	87,380	94,400
YUBA	BULLARDS BAR	930,000	700,430	613,100	MILLERTON LK *CVP	520,500	334,270	305,950	
	SO. YUBA SYSTEM	146,000	37,810	25,200	FRESNO	HIDDEN	90,000	22,920	26,240
	NARROWS	70,000	63,780	66,340		SAN LUIS **CVP	2,040,600	1,925,320	1,797,190
BEAR	ROLLINS	65,990	64,510	60,450		O'NEILL FORE.**CVP	56,400	41,600	47,180
LITTLE TRUCKEE	STAMPEDE *	226,620	153,800	191,200	SAN LUIS	L BANOS RES**CVP	34,560	20,470	20,040
	BOCA *	41,140	8,600	10,300		LT PANOCHE **CVP	5,580	830	830
PROSSER	PROSSER CREEK *	29,840	8,800	9,900	OIL CANYON	CONTRA LOMA *CVP	2,100	1,800	1,970
TRUCKEE	LAKE TAHOE *	732,000	145,700	400,100	KINGS	WISHON	128,300	48,450	52,725
	RYE PATCH *	190,000	19,900	65,700		PINE FLAT	1,001,500	446,060	454,650
HUMBOLDT					KAWEAH	TERMINUS	143,000	17,780	28,060
CARSON	LAHONTAN *	317,280	132,500	163,300	TULE	SUCCESS	82,300	21,120	20,140
	TWIN LAKES	21,580	15,860	9,900	KERN	ISABELLA	588,100	107,620	130,930
	FRENCH MEADOWS	136,400	44,010	50,750	CUYAMA	TWITCHELL *	240,100	5,160	5,160
AMERICAN	HELL HOLE	207,590	56,260	56,820	SANTA YNEZ	LAKE CACHUMA *	190,500	166,390	177,450
	LOON LAKE	76,500	22,930	15,880	COYOTE	LAKE CASITAS *	254,000	220,870	213,660
	ICE HOUSE	46,000	19,900	16,560	<b>TOTAL - 85 RESERVOIRS</b>		<b>33,790,020</b>	<b>21,593,780</b>	<b>21,549,275</b>
	UNION VALLEY	277,300	149,290	41,490	<b>TOTAL - 36 RESERVOIRS</b>		<b>18,992,650</b>	<b>13,523,080</b>	<b>13,612,440</b>
	SLAB CREEK	16,600	15,620	15,590	<b>TOTAL - 18 RESERVOIRS</b>		<b>13,572,850</b>	<b>10,472,530</b>	<b>10,165,770</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**

**FEBRUARY 2002**

**SHASTA LAKE DAILY OPERATIONS**

RUN DATE: March 13, 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		POWER	RIVER SPILL	OUTLET			
		3,516.6								
1	1,029.56	3,522.4	+5.8	6,345	3,339	0	0	82	.11	.00
2	1,029.77	3,527.7	+5.3	6,293	3,593	0	0	30	.04	.01
3	1,029.93	3,531.7	+4.0	5,776	3,697	0	0	45	.06	.00
4	1,030.04	3,534.5	+2.8	5,210	3,772	0	0	37	.05	.00
5	1,030.18	3,538.0	+3.5	5,422	3,627	0	0	7	.01	.00
6	1,030.26	3,540.1	+2.0	4,905	3,876	0	0	7	.01	.00
7	1,030.70	3,551.2	+11.2	9,350	3,669	0	0	60	.08	.35
8	1,031.25	3,565.2	+14.0	10,569	3,505	0	0	22	.03	.87
9	1,031.74	3,577.7	+12.5	8,704	2,391	0	0	22	.03	.00
10	1,032.05	3,585.6	+7.9	7,822	3,674	0	0	165	.22	.00
11	1,032.38	3,594.0	+8.4	7,657	3,331	0	0	68	.09	.00
12	1,032.60	3,599.6	+5.6	6,507	3,631	0	0	38	.05	.00
13	1,032.85	3,606.0	+6.4	6,951	3,544	0	0	181	.24	.00
14	1,033.12	3,613.0	+6.9	7,280	3,697	0	0	91	.12	.00
15	1,033.41	3,620.4	+7.5	7,506	3,609	0	0	136	.18	.00
16	1,033.75	3,629.2	+8.7	7,902	3,470	0	0	23	.03	.00
17	1,034.04	3,636.6	+7.5	7,199	3,368	0	0	68	.09	.18
18	1,034.33	3,644.1	+7.5	7,402	3,570	0	0	53	.07	.20
19	1,035.13	3,664.8	+20.7	13,571	3,092	0	0	46	.06	.88
20	1,036.39	3,697.6	+32.8	18,595	1,725	0	0	345	.45	2.55
21	1,037.39	3,723.7	+26.2	15,202	1,995	0	0	23	.03	.13
22	1,038.38	3,749.8	+26.0	15,430	2,269	0	0	46	.06	.00
23	1,039.29	3,773.8	+24.0	14,851	2,701	0	0	39	.05	.00
24	1,040.12	3,795.8	+22.0	13,891	2,785	0	0	23	.03	.04
25	1,040.61	3,808.7	+13.0	10,020	3,411	0	0	70	.09	.00
26	1,041.05	3,820.4	+11.7	8,945	2,976	0	0	94	.12	.00
27	1,041.47	3,831.6	+11.2	11,264	5,396	0	0	235	.30	.00
28	1,041.77	3,839.5	+8.0	8,556	4,532	0	0	0	.00	.00
<b>TOTALS</b>			<b>+323.1</b>	<b>259,125</b>	<b>94,245</b>	<b>0</b>	<b>0</b>	<b>2,056</b>	<b>2.70</b>	<b>5.21</b>
<b>ACRE-FEET</b>			<b>+323,100</b>	<b>513,974</b>	<b>186,935</b>	<b>0</b>	<b>0</b>	<b>4,078</b>		

COMMENTS:

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

**SUMMARY**

POWER	RELEASE (ACRE-FEET)	OUTLET	PRECIPITATION
SPILL	186,935	0	THIS MONTH = 5.21
	0	186,935	JULY 1, 2001 TO DATE = 50.72
	TOTAL		

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

Table 4

FEBRUARY 2002

TRINITY LAKE DAILY OPERATIONS

RUN DATE: March 13, 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)	
		1,652.3								
1	2,315.56	1,653.8	+1.5	1,070	235	0	0	60	.16	.06
2	2,315.58	1,654.1	+0.3	1,039	909	0	0	0	.00	.00
3	2,315.68	1,655.4	+1.3	917	245	0	0	26	.07	.00
4	2,315.72	1,655.9	+0.5	861	0	0	594	8	.02	.00
5	2,315.74	1,656.2	+0.3	786	0	0	638	19	.05	.00
6	2,315.90	1,658.2	+2.1	1,053	0	0	0	19	.05	.00
7	2,316.29	1,663.2	+5.0	2,920	380	0	0	11	.03	.52
8	2,316.66	1,668.0	+4.8	2,782	379	0	0	0	.00	.53
9	2,316.90	1,671.1	+3.1	1,870	311	0	0	0	.00	.00
10	2,317.09	1,673.5	+2.5	1,663	384	0	0	42	.11	.00
11	2,317.28	1,676.0	+2.5	1,631	376	0	0	15	.04	.00
12	2,317.45	1,678.2	+2.2	1,509	391	0	0	8	.02	.00
13	2,317.62	1,680.4	+2.2	1,563	423	0	0	30	.08	.00
14	2,317.81	1,682.9	+2.5	1,685	434	0	0	11	.03	.00
15	2,317.99	1,685.2	+2.3	1,535	337	0	0	23	.06	.00
16	2,318.20	1,687.9	+2.7	1,740	344	0	0	19	.05	.01
17	2,318.39	1,690.4	+2.5	1,684	422	0	0	15	.04	.06
18	2,318.62	1,693.4	+3.0	1,891	363	0	0	19	.05	.00
19	2,319.05	1,699.0	+5.6	3,213	390	0	0	0	.00	.66
20	2,319.64	1,706.7	+7.7	4,100	209	0	0	0	.00	1.98
21	2,320.20	1,714.0	+7.3	3,896	188	0	0	8	.02	.02
22	2,320.72	1,720.9	+6.8	3,721	260	0	0	15	.04	.00
23	2,321.38	1,729.6	+8.7	4,766	353	0	0	27	.07	.02
24	2,321.89	1,736.3	+6.7	3,767	353	0	0	19	.05	.02
25	2,322.33	1,742.1	+5.8	3,336	374	0	0	23	.06	.00
26	2,322.72	1,747.3	+5.2	3,043	411	0	0	23	.06	.00
27	2,323.10	1,752.4	+5.0	2,994	419	0	0	31	.08	.00
28	2,323.48	1,757.4	+5.1	3,025	441	0	0	31	.08	.00
<b>TOTALS</b>			<b>+105.2</b>	<b>64,060</b>	<b>9,331</b>	<b>0</b>	<b>1,232</b>	<b>502</b>	<b>1.32</b>	<b>3.88</b>
<b>ACRE-FEET</b>			<b>+105,200</b>	<b>127,063</b>	<b>18,508</b>	<b>0</b>	<b>2,444</b>	<b>996</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	18,508	OUTLET	2,444
SPILL	0	TOTAL	20,952
		THIS MONTH =	3.88
		JULY 1, 2001 TO DATE =	28.64

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

Table 5

FEBRUARY 2002

WHISKEYTOWN LAKE DAILY OPERATIONS

RUN DATE: March 13, 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				
		205.1										
1	1,198.22	204.9	-0.2	348	0	348	200	0	252	0	.00	.02
2	1,198.54	205.8	+0.9	925	578	347	200	0	250	0	.00	.01
3	1,198.46	205.6	-0.2	385	56	329	200	0	303	1	.01	.00
4	1,198.36	205.3	-0.3	320	0	320	200	0	267	1	.01	.00
5	1,198.37	205.3	+0.0	308	0	308	200	0	90	3	.03	.00
6	1,198.36	205.3	+0.0	324	0	324	200	0	134	5	.06	.00
7	1,198.59	205.9	+0.7	804	0	804	200	0	260	3	.03	.39
8	1,198.74	206.4	+0.4	844	0	844	200	0	421	0	.00	1.10
9	1,198.58	205.9	-0.5	629	0	629	200	0	664	2	.02	.00
10	1,198.62	206.0	+0.1	536	0	536	200	0	275	2	.02	.00
11	1,198.64	206.1	+0.1	489	0	489	200	0	258	2	.02	.00
12	1,198.64	206.1	+0.0	463	0	463	200	0	259	4	.05	.00
13	1,198.65	206.1	+0.0	479	0	479	200	0	259	5	.06	.00
14	1,198.64	206.1	+0.0	460	14	446	200	0	270	5	.06	.00
15	1,198.63	206.1	+0.0	445	14	431	200	0	253	7	.08	.01
16	1,198.61	206.0	-0.1	448	14	434	200	0	278	0	.00	.01
17	1,198.60	206.0	+0.0	473	14	459	200	0	287	1	.01	.14
18	1,198.63	206.1	+0.1	535	14	521	200	0	290	1	.01	.10
19	1,198.74	206.4	+0.3	944	14	930	198	0	583	0	.00	1.20
20	1,198.58	205.9	-0.5	1,556	14	1,542	150	0	1,643	0	.00	1.85
21	1,198.60	206.0	+0.1	1,337	14	1,323	150	0	1,157	0	.00	.03
22	1,198.51	205.7	-0.3	1,155	14	1,141	150	0	1,139	0	.00	.00
23	1,198.57	205.9	+0.2	1,091	14	1,077	150	0	839	13	.15	.00
24	1,198.49	205.7	-0.2	931	14	917	150	0	899	0	.00	.05
25	1,198.75	206.4	+0.8	790	14	776	150	0	252	2	.02	.00
26	1,198.73	206.4	-0.1	720	14	706	150	0	597	3	.03	.00
27	1,198.65	206.1	-0.2	679	14	665	150	0	644	4	.05	.00
28	1,198.24	204.9	-1.2	644	14	630	150	0	1,093	10	.12	.00
<b>TOTALS</b>			<b>-0.1</b>	<b>19,062</b>	<b>844</b>	<b>18,218</b>	<b>5,148</b>	<b>0</b>	<b>13,916</b>	<b>74</b>	<b>.84</b>	<b>4.91</b>
<b>ACRE-FEET</b>			<b>-0.1</b>	<b>37,809</b>	<b>1,674</b>	<b>36,135</b>	<b>10,211</b>	<b>0</b>	<b>27,602</b>	<b>147</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	27,602	OUTLET	10,211	THIS MONTH
SPILL	0	TOTAL	37,813	JULY 1, 2001 TO DATE
				<b>4.91</b>
				<b>51.31</b>



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

FEBRUARY 2002

LEWISTON LAKE DAILY OPERATIONS

RUN DATE: March 21, 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
		14,322								
1	1,901.13	14,008	-314	145	80	220	0	0	3	.16
2	1,900.85	13,801	-207	774	80	220	0	578	0	.00
3	1,900.39	13,462	-339	187	80	220	0	56	2	.07
4	1,901.15	14,023	+561	583	80	220	0	0	0	.02
5	1,902.02	14,674	+651	629	80	220	0	0	1	.05
6	1,901.02	13,926	-748	-76	80	220	0	0	1	.05
7	1,901.07	13,963	+37	320	80	220	0	0	1	.03
8	1,901.09	13,978	+15	308	80	220	0	0	0	.00
9	1,900.92	13,852	-126	236	80	220	0	0	0	.00
10	1,900.92	13,852	+0	302	80	220	0	0	2	.11
11	1,900.88	13,823	-29	286	80	220	0	0	1	.04
12	1,900.90	13,837	+14	307	80	220	0	0	0	.02
13	1,900.97	13,889	+52	328	80	220	0	0	2	.08
14	1,901.02	13,926	+37	334	80	220	0	14	1	.03
15	1,900.91	13,845	-81	274	80	220	0	14	1	.06
16	1,900.82	13,779	-66	282	80	220	0	14	1	.05
17	1,900.96	13,882	+103	367	80	220	0	14	1	.04
18	1,900.93	13,859	-23	303	80	220	0	14	1	.05
19	1,901.20	14,061	+202	416	27	273	0	14	0	.00
20	1,901.38	14,195	+134	382	0	300	0	14	0	.00
21	1,901.18	14,046	-149	239	33	267	0	14	0	.02
22	1,900.99	13,904	-142	243	80	220	0	14	1	.04
23	1,900.98	13,896	-8	312	80	220	0	14	2	.07
24	1,900.95	13,874	-22	304	80	220	0	14	1	.05
25	1,900.87	13,815	-59	285	80	220	0	14	1	.06
26	1,900.89	13,830	+15	323	80	220	0	14	1	.06
27	1,900.90	13,837	+7	320	80	220	0	14	2	.08
28	1,900.96	13,882	+45	339	80	220	0	14	2	.08
<b>TOTALS</b>			<b>-440</b>	<b>9,052</b>	<b>2,060</b>	<b>6,340</b>	<b>0</b>	<b>844</b>	<b>28</b>	<b>1.32</b>
<b>ACRE-FEET</b>			<b>-440</b>	<b>17,955</b>	<b>4,086</b>	<b>12,575</b>	<b>0</b>	<b>1,674</b>	<b>56</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	4,086	JUDGE FRANCIS CARR POWERPLANT	1,674
TOTAL RIVER	16,661	TOTAL RELEASE	18,335

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

Table 7

FEBRUARY 2002

SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS

RUN DATE: March 13, 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	
		4,222							
1	774.52	4,178	-44	11	0	33			
2	774.28	4,161	-17	11	0	20			
3	774.03	4,142	-19	10	0	20			
4	773.76	4,122	-20	12	0	22			
5	773.82	4,127	+5	10	0	7			
6	773.79	4,124	-3	10	0	12			
7	774.02	4,141	+17	34	0	25			
8	774.12	4,149	+8	29	0	25			
9	774.01	4,141	-8	21	0	25			
10	773.80	4,125	-16	17	0	25			
11	773.51	4,104	-21	16	0	27			
12	773.06	4,070	-34	13	0	30			
13	772.63	4,039	-31	14	0	30			
14	772.20	4,008	-31	14	0	30			
15	771.71	3,972	-36	12	0	30			
16	771.22	3,937	-35	12	0	30			
17	770.76	3,904	-33	13	0	30			
18	770.33	3,873	-31	14	0	30			
19	771.29	3,942	+69	65	0	30			
20	773.76	4,122	+180	121	0	30			
21	774.84	4,202	+80	70	0	30			
22	775.34	4,240	+38	49	0	30			
23	775.56	4,257	+17	39	0	30			
24	775.61	4,260	+3	32	0	30			
25	775.54	4,255	-5	27	0	30			
26	775.30	4,237	-18	24	0	33			
27	774.80	4,199	-38	22	0	41			
28	774.16	4,152	-47	17	0	41			
<b>TOTALS</b>			<b>-70</b>	<b>739</b>	<b>0</b>	<b>776</b>			
<b>ACRE-FEET</b>			<b>-70</b>	<b>1,466</b>	<b>0</b>	<b>1,539</b>			

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)

SPILL	0
OUTLET	1,539
TOTAL	1,539

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

Table 8

FEBRUARY 2002

KESWICK RESERVOIR DAILY OPERATIONS

RUN DATE: March 13, 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)
		22,310								
1	583.42	21,538	-772	3,618	252	3,339	4,005	0	0	2
2	583.23	21,423	-115	3,933	250	3,593	3,990	0	0	1
3	583.72	21,720	+297	4,143	303	3,697	3,992	0	0	1
4	584.29	22,069	+349	4,171	267	3,772	3,994	0	0	1
5	583.39	21,520	-549	3,712	90	3,627	3,989	0	0	0
6	583.41	21,532	+12	3,995	134	3,876	3,989	0	0	0
7	583.97	21,872	+340	4,209	260	3,669	4,037	0	0	1
8	584.37	22,118	+246	4,131	421	3,505	4,006	0	0	1
9	582.17	20,787	-1,331	3,332	664	2,391	4,002	0	0	1
10	583.09	21,338	+551	4,272	275	3,674	3,990	0	0	4
11	582.85	21,193	-145	3,940	258	3,331	4,011	0	0	2
12	583.47	21,568	+375	4,202	259	3,631	4,012	0	0	1
13	583.11	21,350	-218	3,894	259	3,544	4,000	0	0	4
14	583.54	21,611	+261	4,173	270	3,697	4,039	0	0	2
15	583.44	21,550	-61	3,978	253	3,609	4,006	0	0	3
16	583.21	21,410	-140	3,936	278	3,470	4,006	0	0	1
17	582.76	21,140	-270	3,837	287	3,368	3,971	0	0	2
18	582.98	21,271	+131	4,123	290	3,570	3,971	0	85	1
19	583.34	21,489	+218	4,112	583	3,092	3,916	0	85	1
20	584.05	21,921	+432	4,226	1,643	1,725	3,915	0	85	8
21	582.76	21,140	-781	3,664	1,157	1,995	3,972	0	85	1
22	582.37	20,907	-233	3,885	1,139	2,269	3,916	0	85	1
23	582.20	20,805	-102	3,953	839	2,701	3,918	0	85	1
24	582.52	20,996	+191	3,999	899	2,785	3,817	0	85	1
25	583.43	21,544	+548	4,091	252	3,411	3,728	0	85	2
26	583.57	21,629	+85	3,876	597	2,976	3,746	0	85	2
27	583.51	21,593	-36	6,161	644	5,396	6,089	0	85	5
28	583.86	21,805	+212	6,364	1,093	4,532	6,172	0	85	0
<b>TOTALS</b>			<b>-505</b>	<b>115,930</b>	<b>13,916</b>	<b>94,245</b>	<b>115,199</b>	<b>0</b>	<b>935</b>	<b>50</b>
<b>ACRE-FEET</b>			<b>-505</b>	<b>229,947</b>	<b>27,602</b>	<b>186,935</b>	<b>228,497</b>	<b>0</b>	<b>1,855</b>	<b>99</b>

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

**SUMMARY**  
 RELEASE (ACRE-FEET)

POWER	228,497
SPILL	0
FISH TRAP	1,855

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

**Table 9**

**FEBRUARY 2002**

**RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS**

RUN DATE: March 13, 2002

DAY	ELEVATION	STORAGE		RELEASE C.F.S		RELEASE TO SACTO RIVER
		IN LAKE	ACRE-FEET CHANGE	CORNING CANAL	TEHAMA COLUSA CANAL	
		266				
1	238.16	264	-2	0	0	7,036
2	238.03	251	-13	0	0	6,785
3	237.99	247	-4	0	0	6,692
4	237.94	243	-4	0	0	6,699
5	237.96	245	+2	0	0	6,714
6	238.15	263	+18	0	0	6,310
7	238.40	289	+26	0	0	6,563
8	238.50	299	+10	0	0	6,828
9	238.97	347	+48	0	0	7,137
10	239.02	352	+5	0	0	7,241
11	239.05	356	+4	0	23	7,301
12	238.99	349	-7	0	86	7,313
13	239.02	352	+3	0	100	7,319
14	238.82	332	-20	0	100	7,024
15	238.99	349	+17	0	53	7,113
16	238.92	342	-7	0	23	6,910
17	238.80	330	-12	0	20	6,721
18	238.76	326	-4	0	20	6,582
19	238.71	320	-6	0	20	6,329
20	240.99	607	+287	0	20	21,905
21	242.71	886	+279	0	20	18,998
22	240.15	491	-395	0	20	10,963
23	239.00	350	-141	0	20	9,741
24	239.68	432	+82	0	20	9,335
25	239.53	414	-18	0	20	9,106
26	239.31	387	-27	0	111	8,497
27	238.91	341	-46	0	49	8,109
28	238.70	319	-22	0	100	7,864
<b>TOTALS</b>			<b>+53</b>	<b>0</b>	<b>825</b>	<b>235,135</b>
<b>ACRE-FEET</b>			<b>+53</b>	<b>0</b>	<b>1,636</b>	<b>466,390</b>

**SUMMARY**

RELEASE (ACRE-FEET)

CORNING CANAL	0
TEHAMA-COLUSA CANAL	1,636
TO SACTO RIVER	466,390
<b>TOTAL</b>	<b>468,026</b>

DAILY OPERATION OF BLACK BUTTE RESERVOIR, STONY CREEK, CALIFORNIA

FEBRUARY 2002

Date	Midnight	Storage (ac-ft)	Storage Change (ac-ft)	Mean Inflow (sfd)	----- Mean Outflow -----				Gross Evap (ac-ft)	Pan Evap (in)	Prec (in)	Total U S Storage (ac-ft)	Top Con Storage (ac-ft)
	Elev (ft)				Total (sfd)	River (sfd)	[1] (sfd)	[2] (sfd)					
1	447.58	47663	618	548	233	233	0	0	6	0.04	0	83988	37700
2	447.82	48238	575	427	133	133	0	0	8	0.06	0	83850	39400
3	448.32	49451	1213	689	70	70	0	0	14	0.1	0	83679	41200
4	448.67	50310	859	492	53	53	0	0	11	0.08	0	83807	42900
5	448.91	50905	595	358	53	53	0	0	10	0.07	0	84299	44600
6	449.04	51229	324	221	53	53	0	0	9	0.06	0	84790	46400
7	449.2	51630	401	260	54	54	0	0	7	0.05	0.1	85410	48200
8	449.41	52159	529	329	53	53	0	0	18	0.12	0	86080	49900
9	449.6	52641	482	313	53	53	0	0	34	0.23	0	86616	51300
10	449.77	53075	434	282	53	53	0	0	21	0.14	0	87152	53100
11	449.92	53459	384	257	52	52	0	0	22	0.15	0	87630	55000
12	450.06	53820	361	249	51	51	0	0	31	0.21	0	87944	56900
13	450.21	54209	389	254	52	52	0	0	12	0.08	0	88456	58800
14	450.36	54599	390	260	52	52	0	0	23	0.15	0	88387	60500
15	450.72	55544	945	532	52	52	0	0	8	0.05	0	88125	62400
16	451.1	56553	1009	565	52	52	0	0	9	0.06	0.1	87986	63800
17	451.48	57575	1022	573	52	52	0	0	11	0.07	0	87828	65200
18	451.84	58555	980	550	52	52	0	0	8	0.05	0.11	87570	66600
19	452.25	59687	1132	629	53	53	0	0	11	0.07	0.19	87570	67400
20	453.2	62368	2681	1405	52	52	0	0	3	0.02	0	87989	68200
21	453.99	64659	2291	1211	53	53	0	0	5	0.03	0	88305	70000
22	454.62	66528	1869	1005	53	53	0	0	19	0.11	0	88450	71700
23	455.18	68218	1690	913	53	53	0	0	16	0.09	0	88559	73500
24	455.7	69813	1595	872	53	53	0	0	30	0.17	0	88559	74800
25	456.15	71211	1398	785	52	52	0	0	56	0.31	0	88520	76200
26	456.59	72595	1384	777	52	52	0	0	55	0.3	0	88410	77600
27	456.97	73803	1208	694	53	53	0	0	63	0.34	0	88270	79000
28	457.25	74701	898	545	53	53	0	0	77	0.41	0	88692	80300
Totals	(sfd)			15995	1750	1750	0	0					
Totals	(ac-ft)		27656	31726	3471.1	3471.1			597				
Totals	(inches)									3.62	0.5		

[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

FEBRUARY 2002

FOLSOM LAKE DAILY OPERATIONS

RUN DATE: March 13, 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	
		481.0									
1	414.60	484.9	+3.8	3,553	1,520	0	0	111	0	.00	.00
2	414.83	486.6	+1.8	2,549	1,538	0	0	109	0	.00	.00
3	415.05	488.4	+1.7	2,527	1,547	0	0	115	0	.00	.00
4	415.19	489.5	+1.1	2,323	1,649	0	0	120	0	.00	.00
5	415.39	491.0	+1.6	2,429	1,518	0	0	119	0	.00	.00
6	415.43	491.3	+0.3	1,885	1,611	0	0	116	0	.00	.00
7	415.61	492.8	+1.4	2,284	1,463	0	0	108	0	.00	.00
8	416.08	496.5	+3.7	3,403	1,433	0	0	106	0	.00	.41
9	416.42	499.2	+2.7	2,884	1,417	0	0	108	0	.00	.01
10	416.66	501.1	+1.9	2,688	1,624	0	0	105	0	.00	.00
11	417.12	504.7	+3.7	3,502	1,560	0	0	99	0	.00	.00
12	417.44	507.3	+2.6	2,999	1,603	0	0	104	0	.00	.00
13	417.82	510.3	+3.0	3,124	1,486	0	0	105	0	.00	.00
14	418.03	512.0	+1.7	2,556	1,609	0	0	98	0	.00	.04
15	418.31	514.3	+2.3	2,830	1,591	0	0	99	0	.00	.00
16	418.67	517.2	+2.9	2,968	1,400	0	0	101	0	.00	.00
17	419.08	520.5	+3.3	3,472	1,690	0	0	109	0	.00	.31
18	419.50	523.9	+3.4	3,361	1,525	0	0	109	0	.00	.24
19	420.03	528.2	+4.3	3,786	1,498	0	0	109	0	.00	.10
20	422.40	547.9	+19.6	11,475	1,465	0	0	108	0	.00	.23
21	423.90	560.5	+12.6	7,822	1,343	0	0	106	0	.00	.00
22	424.88	568.9	+8.4	5,750	1,432	0	0	106	0	.00	.00
23	425.73	576.2	+7.3	5,228	1,438	0	0	106	0	.00	.00
24	426.54	583.2	+7.0	5,045	1,403	0	0	107	0	.00	.00
25	427.15	588.5	+5.3	4,433	1,647	0	0	111	0	.00	.00
26	427.72	593.5	+5.0	4,238	1,602	0	0	121	0	.00	.00
27	428.32	598.8	+5.3	4,411	1,686	0	0	66	0	.00	.00
28	428.73	602.4	+3.6	3,492	1,541	0	0	127	0	.00	.00
<b>TOTALS</b>			<b>+121.3</b>	<b>107,017</b>	<b>42,839</b>	<b>0</b>	<b>0</b>	<b>3,008</b>	<b>0</b>	<b>.00</b>	<b>1.34</b>
<b>ACRE-FEET</b>			<b>+121,300</b>	<b>212,268</b>	<b>84,971</b>	<b>0</b>	<b>0</b>	<b>5,966</b>	<b>0</b>		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	84,971	OUTLET	0	THIS MONTH =	1.34
SPILL	0	TOTAL	90,937	JULY 1, 2001 TO DATE =	15.40
PUMPING PLANT	5,966				

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

Table 12

FEBRUARY 2002

LAKE NATOMA DAILY OPERATIONS

RUN DATE: March 13, 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	122.57	7,593	+5	1,514	30	1,421	0	60	0
2	122.48	7,598	-41	1,538	30	1,469	0	60	0
3	122.50	7,557	+9	1,505	22	1,418	0	60	0
4	123.01	7,566	+230	1,624	15	1,433	0	60	0
5	122.97	7,796	-18	1,495	15	1,429	0	60	0
6	123.32	7,778							
6	123.32	7,941	+163	1,580	15	1,423	0	60	0
7	123.13	7,852	-89	1,483	15	1,453	0	60	0
8	122.87	7,733	-119	1,486	28	1,458	0	60	0
9	122.54	7,584	-149	1,467	36	1,446	0	60	0
10	122.79	7,697	+113	1,587	42	1,428	0	60	0
11	122.89	7,742	+45	1,551	45	1,423	0	60	0
12	123.08	7,829	+87	1,584	44	1,436	0	60	0
13	122.77	7,688	-141	1,503	40	1,474	0	60	0
14	122.92	7,755	+67	1,591	37	1,460	0	60	0
15	122.96	7,773	+18	1,568	35	1,464	0	60	0
16	122.50	7,566	-207	1,443	29	1,458	0	60	0
17	123.29	7,927	+361	1,704	0	1,462	0	60	0
18	123.32	7,941	+14	1,537	0	1,470	0	60	0
19	123.25	7,909	-32	1,532	12	1,476	0	60	0
20	123.28	7,923	+14	1,536	20	1,449	0	60	0
21	122.88	7,737	-186	1,348	28	1,354	0	60	0
22	122.69	7,652	-85	1,452	35	1,400	0	60	0
23	122.21	7,436	-216	1,458	35	1,472	0	60	0
24	121.68	7,207	-229	1,438	35	1,458	0	60	0
25	121.99	7,337	+130	1,626	35	1,465	0	60	0
26	122.27	7,463	+126	1,608	35	1,449	0	60	0
27	122.75	7,679	+216	1,627	35	1,423	0	60	0
28	122.78	7,692	+13	1,529	35	1,427	0	60	0
<b>TOTALS</b>			<b>+99</b>	<b>42,914</b>	<b>783</b>	<b>40,398</b>	<b>0</b>	<b>1,680</b>	<b>0</b>
<b>ACRE-FEET</b>			<b>+99</b>	<b>85,120</b>	<b>1,553</b>	<b>80,129</b>	<b>0</b>	<b>3,332</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	80,129	FOLSOM SOUTH CANAL	1,553	TOTAL	85,014
SPILL	0	HATCHERY	3,332		

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

Table 13

FEBRUARY 2002

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: March 13, 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	
		1,569.5								
1	1,010.64	1,570.9	+1.4	748	0	0	0	25	.08	.00
2	1,010.59	1,570.4	-0.5	602	834	0	0	9	.03	.00
3	1,010.72	1,571.7	+1.2	641	0	0	0	15	.05	.01
4	1,010.82	1,572.6	+1.0	501	0	0	0	19	.06	.00
5	1,010.85	1,572.9	+0.3	342	172	0	0	25	.08	.00
6	1,010.73	1,571.7	-1.1	441	1,000	0	0	19	.06	.00
7	1,010.65	1,571.0	-0.8	609	874	0	0	121	.39	.00
8	1,010.69	1,571.4	+0.4	623	424	0	0	6	.02	.50
9	1,010.77	1,572.1	+0.8	416	0	0	0	31	.10	.00
10	1,010.83	1,572.7	+0.6	314	0	0	0	25	.08	.00
11	1,010.70	1,571.5	-1.2	409	1,001	0	0	34	.11	.00
12	1,010.84	1,572.8	+1.3	687	0	0	0	12	.04	.00
13	1,010.67	1,571.2	-1.6	386	1,183	0	0	22	.07	.00
14	1,010.79	1,572.3	+1.1	607	14	0	0	15	.05	.00
15	1,010.68	1,571.3	-1.1	576	1,081	0	0	25	.08	.00
16	1,010.79	1,572.3	+1.1	566	14	0	0	22	.07	.00
17	1,011.03	1,574.6	+2.3	1,199	14	0	0	28	.09	.51
18	1,011.09	1,575.2	+0.6	862	569	0	0	3	.01	.18
19	1,011.15	1,575.8	+0.6	1,199	903	0	0	6	.02	.02
20	1,011.29	1,577.1	+1.3	1,381	695	0	0	9	.03	.61
21	1,011.57	1,579.8	+2.7	1,405	14	0	0	37	.12	.01
22	1,011.78	1,581.8	+2.0	1,040	0	0	0	25	.08	.00
23	1,011.74	1,581.4	-0.4	1,001	1,155	0	0	40	.13	.00
24	1,011.91	1,583.1	+1.6	861	14	0	0	25	.08	.00
25	1,012.12	1,585.1	+2.0	1,055	16	0	0	22	.07	.00
26	1,012.12	1,585.1	+0.0	1,078	1,047	0	0	31	.10	.00
27	1,012.32	1,587.0	+1.9	1,005	0	0	0	34	.11	.00
28	1,012.36	1,587.4	+0.4	1,256	1,025	0	0	37	.12	.00
<b>TOTALS</b>			<b>+17.9</b>	<b>21,810</b>	<b>12,049</b>	<b>0</b>	<b>0</b>	<b>722</b>	<b>2.33</b>	<b>1.84</b>
<b>ACRE-FEET</b>			<b>+17,900</b>	<b>43,260</b>	<b>23,899</b>	<b>0</b>	<b>0</b>	<b>1,432</b>		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION
POWER	23,899	OUTLET	0	THIS MONTH = 1.84
SPILL	0	TOTAL	23,899	JULY 1, 2001 TO DATE = 17.48



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

FEBRUARY 2002

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: September 14, 2004

DAY	ELEV	STORAGE		TULLOCH	RIVER		RELEASE - C.F.S.	
		ACRE-FEET RES.	CHANGE		RELEASE	OUTLET	SPILL	JOINT MAIN
		541						
1	360.05	541	+0	329	0	299	3	0
2	360.05	541	+0	314	0	278	3	0
3	360.03	539	-2	312	0	276	3	0
4	360.19	550	+11	365	0	328	3	0
5	360.19	550	+0	531	0	531	2	0
6	360.19	550	+0	525	0	525	0	0
7	360.19	550	+0	519	0	525	0	0
8	360.19	550	+0	520	0	527	0	0
9	360.16	548	-2	519	0	526	0	0
10	360.16	548	+0	520	0	527	0	0
11	360.22	552	+4	531	0	538	0	0
12	360.16	548	-4	539	0	529	0	0
13	360.19	550	+2	538	0	528	0	0
14	360.19	550	+0	541	0	528	0	0
15	360.16	548	-2	538	0	528	0	0
16	360.22	552	+4	543	0	528	0	0
17	360.22	552	+0	544	0	550	0	0
18	360.22	552	+0	549	0	531	0	0
19	360.22	552	+0	520	0	527	0	0
20	360.19	550	-2	517	0	530	2	0
21	360.19	550	+0	516	0	527	4	0
22	360.19	550	+0	516	0	517	3	0
23	360.16	548	-2	515	0	501	0	0
24	360.16	548	+0	516	0	506	0	0
25	360.16	548	+0	512	0	503	0	0
26	360.16	548	+0	524	0	510	0	0
27	360.16	548	+0	516	0	506	0	0
28	360.16	548	+0	529	0	511	0	0
<b>TOTALS</b>			<b>+7</b>	<b>13,958</b>	<b>0</b>	<b>13,740</b>	<b>23</b>	<b>0</b>
<b>ACRE-FEET</b>			<b>+7</b>	<b>27,686</b>	<b>0</b>	<b>27,253</b>	<b>46</b>	<b>0</b>

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

**SUMMARY**  
 RELEASE (ACRE-FEET)

JOINT MAIN CANAL	46	OUTLET	0
SOUTH MAIN CANAL	0	SPILL	27,253
		TOTAL	27,299

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

Table 15

FEBRUARY 2002

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: March 13, 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			
		290.0									
1	523.66	292.1	+2.1	1,403	0	244	0	91	3	.03	
2	524.24	294.1	+2.0	1,372	0	245	0	92	3	.03	
3	524.76	296.0	+1.8	1,276	0	246	0	92	9	.08	
4	525.55	298.8	+2.8	1,762	0	248	0	92	3	.03	
5	526.15	300.9	+2.1	1,431	0	249	0	92	8	.07	
6	526.71	303.0	+2.0	1,365	0	250	0	92	8	.07	
7	527.30	305.1	+2.1	1,422	0	251	0	92	5	.04	
8	527.89	307.2	+2.1	1,435	0	253	0	92	13	.11	
9	528.45	309.3	+2.0	1,390	0	254	0	92	15	.13	
10	529.03	311.4	+2.1	1,558	0	385	0	93	13	.11	
11	529.17	311.9	+0.5	813	0	451	0	94	8	.07	
12	529.36	312.6	+0.7	903	0	452	0	94	5	.04	
13	529.56	313.3	+0.7	928	0	452	0	94	11	.09	
14	529.81	314.2	+0.9	1,016	0	453	0	94	6	.05	
15	530.13	315.4	+1.2	1,177	0	481	0	91	12	.10	
16	530.39	316.4	+1.0	1,242	0	654	0	89	17	.14	
17	530.70	317.5	+1.1	1,517	0	842	0	89	10	.08	
18	530.83	318.0	+0.5	1,240	0	902	0	89	8	.07	
19	531.09	319.0	+1.0	1,513	0	934	0	89	6	.05	
20	531.37	320.0	+1.0	1,626	0	1,012	0	89	2	.02	
21	531.47	320.4	+0.4	1,333	0	1,051	0	90	5	.04	
22	531.82	321.7	+1.3	1,752	0	996	0	90	12	.10	
23	532.21	323.1	+1.5	1,631	0	775	0	90	33	.27	
24	532.68	324.9	+1.8	1,653	0	645	0	107	16	.13	
25	533.22	326.9	+2.0	1,828	0	682	0	116	10	.08	
26	533.87	329.3	+2.4	2,117	0	763	0	116	5	.04	
27	534.45	331.5	+2.2	1,973	0	742	0	116	9	.07	
28	535.17	334.3	+2.7	2,116	0	614	0	116	9	.07	
<b>TOTALS</b>			<b>+44.3</b>	<b>40,792</b>	<b>0</b>	<b>15,526</b>	<b>0</b>	<b>2,673</b>	<b>264</b>	<b>2.21</b>	<b>.99</b>
<b>ACRE-FEET</b>			<b>+44,292</b>	<b>80,911</b>	<b>0</b>	<b>30,796</b>	<b>0</b>	<b>5,302</b>	<b>524</b>		

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)				PRECIPITATION	
CANALS		RIVER			
FRIANT-KERN	MADERA	AT FRIANT	TOTAL RELEASES	THIS MONTH =	JULY 1, 2001 TO DATE =
30,796	0	5,302	36,098	0.99	9.20

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

Table 16

February 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 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 (%)
02/01/2002	19,360	227	0	458	1,779	1,764	1,772	21,824	672	5,484	4,149	285	0	12	9,930	10,792	11,222	11,406	11,222	44.1%	48.5%	42.9%
02/02/2002	18,728	229	0	461	1,772	1,764	1,769	21,190	672	5,497	4,044	300	0	10	9,851	10,180	10,667	11,421	10,944	45.0%	46.8%	41.8%
02/03/2002	18,364	230	0	455	1,765	1,761	1,760	20,814	672	5,544	4,147	316	0	6	10,012	9,622	10,130	11,260	10,673	46.6%	45.2%	40.8%
02/04/2002	18,140	232	0	438	1,744	1,759	1,752	20,554	900	5,400	4,135	299	0	13	9,847	9,589	9,806	10,942	10,456	46.4%	46.0%	41.5%
02/05/2002	17,657	233	0	430	1,726	1,757	1,748	20,046	900	5,496	4,143	329	0	13	9,980	9,622	9,166	10,553	10,198	48.1%	47.0%	42.5%
02/06/2002	17,000	235	0	422	1,732	1,757	1,754	19,389	900	5,502	3,686	334	0	23	9,546	9,454	8,943	10,168	9,989	47.4%	47.3%	42.7%
02/07/2002	16,611	236	0	418	1,782	1,773	1,773	19,047	900	5,496	3,533	329	0	28	9,385	9,286	8,762	9,814	9,814	47.4%	47.6%	42.7%
02/08/2002	16,037	238	0	417	1,893	1,795	1,793	18,585	(698)	5,491	3,563	316	0	32	9,403	9,091	9,880	9,622	9,822	48.7%	47.8%	42.6%
02/09/2002	16,032	238	0	584	1,926	1,817	1,806	18,780	(698)	5,488	3,567	313	0	29	9,397	9,046	10,081	9,538	9,851	48.2%	48.1%	43.1%
02/10/2002	15,691	238	0	624	1,915	1,841	1,817	18,468	(748)	5,499	3,531	302	0	31	9,363	9,046	9,853	9,499	9,851	48.9%	48.6%	43.7%
02/11/2002	15,757	238	0	553	1,911	1,871	1,828	18,459	(748)	5,494	3,543	288	0	31	9,336	9,041	9,870	9,508	9,853	49.0%	48.7%	44.4%
02/12/2002	15,819	238	0	528	1,938	1,901	1,837	18,523	(748)	5,192	3,534	269	0	33	9,027	8,931	10,243	9,662	9,885	47.1%	48.3%	44.6%
02/13/2002	15,366	238	0	520	1,944	1,923	1,845	18,088	850	5,190	3,444	293	0	25	8,952	8,799	8,286	9,568	9,762	47.7%	47.9%	44.6%
02/14/2002	15,162	238	0	519	1,937	1,924	1,849	17,856	850	4,989	3,361	294	0	25	8,669	8,570	8,337	9,507	9,660	46.8%	47.2%	44.2%
02/15/2002	14,858	238	0	519	1,896	1,915	1,850	17,511	850	3,988	3,366	96	0	22	7,472	8,112	9,189	9,408	9,629	42.0%	45.5%	42.5%
02/16/2002	14,689	238	0	521	1,863	1,907	1,850	17,311	850	3,494	3,359	91	0	21	6,965	7,519	9,496	9,325	9,621	39.6%	42.8%	40.0%
02/17/2002	14,395	238	0	524	1,863	1,904	1,853	17,020	(63)	2,999	3,372	76	0	8	6,455	6,860	10,628	9,436	9,680	37.4%	39.7%	37.0%
02/18/2002	14,602	238	0	1,113	1,889	1,903	1,857	17,842	(1,432)	2,971	3,353	77	0	12	6,413	6,516	12,861	9,863	9,857	35.4%	37.5%	35.5%
02/19/2002	14,901	238	0	1,054	1,930	1,902	1,861	18,123	(1,432)	4,298	3,369	71	0	13	7,751	6,788	11,804	10,086	9,959	42.3%	38.4%	37.3%
02/20/2002	15,111	238	0	867	1,934	1,904	1,866	18,150	(1,660)	4,482	3,362	45	0	12	7,901	7,279	11,909	10,604	10,057	43.2%	40.4%	40.2%
02/21/2002	15,714	238	0	1,984	1,954	1,921	1,873	19,890	(1,610)	4,573	3,362	3	0	21	7,959	7,816	13,541	11,347	10,223	39.9%	41.7%	43.0%
02/22/2002	19,558	238	0	1,506	2,014	1,943	1,879	23,316	(698)	5,190	3,361	0	0	22	8,574	8,110	15,440	12,240	10,460	36.7%	39.7%	43.8%
02/23/2002	28,563	238	0	1,209	2,018	1,962	1,884	32,028	672	5,295	3,380	3	0	22	8,699	8,387	22,657	14,120	10,990	27.1%	33.4%	43.1%
02/24/2002	31,119	238	0	1,079	1,996	1,974	1,888	34,432	672	6,695	3,370	5	0	18	10,088	9,097	23,672	15,984	11,519	29.2%	30.4%	44.1%
02/25/2002	27,482	238	0	979	1,971	1,979	1,891	30,670	900	6,597	3,360	7	0	8	9,972	9,566	19,798	16,975	11,850	32.5%	29.5%	44.5%
02/26/2002	23,615	238	0	888	1,963	1,982	1,894	26,704	900	4,997	3,497	5	0	11	8,509	9,505	17,295	17,759	12,059	31.8%	31.1%	43.1%
02/27/2002	21,284	238	0	824	1,957	1,977	1,895	24,303	900	3,998	3,862	6	0	12	7,878	8,771	15,525	18,275	12,188	32.3%	32.2%	39.0%
02/28/2002	19,648	238	0	786	1,922	1,961	1,895	22,594	900	3,998	3,988	9	0	14	8,009	8,114	13,685	18,296	12,241	35.3%	33.1%	35.5%
<b>Total</b>	<b>511,283</b>	<b>6,620</b>	<b>0</b>	<b>20,680</b>	<b>52,934</b>	<b>52,542</b>	<b>51,336</b>	<b>591,517</b>	<b>3,426</b>	<b>139,339</b>	<b>100,743</b>	<b>4,740</b>	<b>0</b>	<b>522</b>	<b>245,344</b>	<b>243,507</b>	<b>342,748</b>	<b>326,183</b>	<b>292,313</b>	<b>1166.2%</b>	<b>1180.6%</b>	<b>1170.2%</b>
<b>Average</b>	<b>18,260</b>	<b>236</b>	<b>0</b>	<b>739</b>	<b>1,891</b>	<b>1,876</b>	<b>1,833</b>	<b>21,126</b>	<b>122</b>	<b>4,976</b>	<b>3,598</b>	<b>169</b>	<b>0</b>	<b>19</b>	<b>8,762</b>	<b>8,697</b>	<b>12,241</b>	<b>11,649</b>	<b>292,313</b>	<b>41.7%</b>	<b>42.2%</b>	<b>41.8%</b>

FEBRUARY 2002

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

RUN DATE: March 13, 2002

DAY	ELEV	STORAGE		SAN LUIS PUMPING C.F.S.	RELEASE - C.F.S.			GAIN(+) OR LOSS(-) C.F.S.	EVAPORATION		PRECIP INCHES
		ACRE-FEET IN LAKE	CHANGE		POWER	PACHECO TUNNEL	SPILL		C.F.S.	INCHES	
		1,807,066									
1	526.15	1,817,698	+10,632	6,118	0	154	0	-603	63	.16	.00
2	526.99	1,827,984	+10,286	5,802	0	155	0	-461	40	.10	.00
3	528.03	1,840,746	+12,762	7,331	0	156	0	-742	24	.06	.00
4	528.68	1,848,739	+7,993	4,824	0	162	0	-632	32	.00	.00
5	529.37	1,857,236	+8,497	4,686	0	151	0	-252	32	.08	.00
6	530.14	1,866,734	+9,498	5,813	0	153	0	-872	28	.07	.00
7	530.76	1,874,394	+7,660	4,577	0	159	0	-557	28	.07	.00
8	531.27	1,880,704	+6,310	3,796	0	151	0	-464	20	.05	.34
9	531.83	1,887,640	+6,936	4,077	0	141	0	-440	40	.10	.00
10	532.47	1,895,578	+7,938	4,604	0	154	0	-448	52	.13	.00
11	532.99	1,902,037	+6,459	3,968	0	167	0	-544	24	.06	.00
12	533.45	1,907,756	+5,719	3,407	0	184	0	-340	36	.09	.00
13	533.78	1,911,863	+4,107	2,522	0	168	0	-283	18	.09	.00
14	533.90	1,913,357	+1,494	890	0	180	0	+43	12	.03	.00
15	533.90	1,913,357	+0	0	0	176	0	+176	36	.09	.00
16	533.60	1,909,622	-3,735	0	1,742	187	0	+45	28	.07	.00
17	533.58	1,909,373	-249	0	0	178	0	+52	40	.10	.10
18	533.40	1,907,134	-2,239	0	867	177	0	-85	32	.08	.08
19	533.27	1,905,517	-1,617	0	780	167	0	+132	4	.01	.00
20	533.06	1,902,907	-2,610	569	691	174	0	-1,019	16	.04	.00
21	532.92	1,901,167	-1,740	151	690	191	0	-147	48	.12	.00
22	532.95	1,901,539	+372	1,870	1,205	192	0	-286	24	.06	.01
23	532.97	1,901,788	+249	2,193	1,545	223	0	-299	32	.08	.00
24	533.63	1,909,996	+8,208	4,731	0	223	0	-370	56	.14	.00
25	533.96	1,914,104	+4,108	3,584	953	219	0	-340	81	.20	.00
26	534.19	1,916,969	+2,865	3,106	952	233	0	-476	52	.13	.00
27	534.43	1,919,961	+2,992	2,781	867	240	0	-166	49	.12	.00
28	534.86	1,925,324	+5,363	3,497	0	334	0	-459	48	.12	.00
<b>TOTALS</b>			<b>+118,258</b>	<b>84,897</b>	<b>10,292</b>	<b>5,149</b>	<b>0</b>	<b>-9,837</b>	<b>995</b>	<b>2.45</b>	<b>.53</b>
<b>ACRE-FEET</b>			<b>+118,258</b>	<b>168,393</b>	<b>20,414</b>	<b>10,213</b>	<b>0</b>	<b>-19,512</b>	<b>1,974</b>		

**SUMMARY**

	RELEASE (ACRE-FEET)				PRECIPITATION	
POWER	20,414	SPILL	0	THIS MONTH =	.53	
PACHECO TUNNEL	10,213	TOTAL	30,627	JULY 1, 2001 TO DATE =	5.69	

FEBRUARY 2002

CONSOLIDATED STATE-FEDERAL O'NEILL FOREBAY  
DAILY OPERATIONS

RUN DATE: March 13, 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		
		53,242									
1	223.67	52,840	-402	3,046	0	5,758	0	6,118	3,511		+623
2	223.39	52,089	-751	3,083	0	5,517	0	5,802	3,643		+466
3	222.00	48,385	-3,704	3,077	0	5,424	0	7,331	4,025		+988
4	222.30	49,182	+797	2,923	0	4,743	0	4,824	3,285		+845
5	222.97	50,966	+1,784	2,681	0	4,973	0	4,686	3,153		+1,085
6	222.00	48,385	-2,581	2,279	0	5,015	0	5,813	3,901		+1,119
7	221.55	47,204	-1,181	2,156	0	5,179	0	4,577	4,215		+862
8	221.73	47,677	+473	2,196	0	5,536	0	3,796	4,150		+452
9	220.90	45,498	-2,179	2,081	0	5,272	0	4,077	4,771		+397
10	219.61	42,145	-3,353	2,058	0	5,229	0	4,604	4,887		+513
11	219.42	41,656	-489	2,048	0	5,239	0	3,968	3,928		+363
12	218.72	39,876	-1,780	1,901	0	4,596	0	3,407	4,549		+562
13	218.68	39,775	-101	1,680	0	5,162	0	2,522	4,863		+492
14	218.97	40,508	+733	1,421	0	4,724	0	890	5,062		+177
15	219.07	40,762	+254	1,227	0	4,011	0	0	5,313		+203
16	220.13	43,489	+2,727	1,189	1,742	3,510	0	0	4,991		-76
17	219.25	41,221	-2,268	1,192	0	3,037	0	0	5,493		+121
18	220.10	43,411	+2,190	1,235	867	2,776	0	0	3,762		-12
19	220.10	43,411	+0	1,206	780	2,493	0	0	4,479		+1
20	221.48	47,020	+3,609	1,103	691	4,489	0	569	4,085		+191
21	222.26	49,075	+2,055	969	690	4,375	0	151	4,907		+60
22	223.05	51,180	+2,105	904	1,205	5,018	0	1,870	4,444		+248
23	224.48	55,022	+3,842	897	1,545	5,330	0	2,193	3,955		+313
24	221.67	47,519	-7,503	871	0	6,177	0	4,731	6,092		-8
25	222.08	48,597	+1,078	755	953	6,114	0	3,584	4,230		+535
26	221.68	47,546	-1,051	681	952	4,936	0	3,106	4,468		+475
27	221.07	45,944	-1,602	1,060	867	3,973	0	2,781	4,338		+412
28	219.40	41,605	-4,339	1,340	0	3,037	0	3,497	3,654		+587
<b>TOTALS</b>			<b>-11,637</b>	<b>47,259</b>	<b>10,292</b>	<b>131,643</b>	<b>0</b>	<b>84,897</b>	<b>122,154</b>		<b>+11,994</b>
<b>ACRE-FEET</b>			<b>-11,637</b>	<b>93,738</b>	<b>20,414</b>	<b>261,114</b>	<b>0</b>	<b>168,393</b>	<b>242,292</b>	<b>0</b>	<b>23,790</b>

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

SUMMARY  
RELEASE (ACRE-FEET)

O'NEILL GEN.	0	DOS AMIGOS PUMP	242,292		
SAN LUIS PUMP	168,393	DELIVERIES	0	TOTAL	410,685

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

Table 19

FEBRUARY 2002

FEDERAL-STATE OPERATIONS  
 SAN LUIS UNIT

RUN DATE: March 13, 2002

DAY	AQUEDUCT CHECK 12			O'NEILL			SAN LUIS			SAN LUIS			PACHECO PUMP	DOS AMIGOS			
	STATE	FED	TOTAL	FED	STATE	GENER TOTAL	FED	STATE	TOTAL	FED	STATE	GENER TOTAL		FED	STATE	TOTAL	
1	11,421	0	11,421	6,041	0	6,041	0	3,774	8,361	12,135	0	0	0	306	2,099	4,866	6,965
2	10,942	0	10,942	6,116	0	6,116	0	3,741	7,767	11,508	0	0	0	307	2,075	5,151	7,226
3	10,759	0	10,759	6,103	0	6,103	0	9,687	4,855	14,542	0	0	0	309	2,122	5,861	7,983
4	9,408	0	9,408	5,797	0	5,797	0	3,658	5,911	9,569	0	0	0	322	2,083	4,432	6,515
5	9,864	0	9,864	5,317	0	5,317	0	3,633	5,662	9,295	0	0	0	299	2,087	4,167	6,254
6	9,948	0	9,948	4,521	0	4,521	0	2,525	9,006	11,531	0	0	0	304	2,090	5,648	7,738
7	10,273	0	10,273	4,277	0	4,277	0	2,527	6,552	9,079	0	0	0	315	2,846	5,515	8,361
8	10,981	0	10,981	4,356	0	4,356	0	0	7,530	7,530	0	0	0	300	2,821	5,410	8,231
9	10,457	0	10,457	4,127	0	4,127	0	1,894	6,193	8,087	0	0	0	279	2,735	6,729	9,464
10	10,371	0	10,371	4,083	0	4,083	0	6,770	2,362	9,132	0	0	0	306	2,773	6,920	9,693
11	10,391	0	10,391	4,062	0	4,062	0	1,191	6,679	7,870	0	0	0	331	2,784	5,008	7,792
12	9,116	0	9,116	3,770	0	3,770	0	1,221	5,537	6,758	0	0	0	364	2,788	6,235	9,023
13	10,239	0	10,239	3,332	0	3,332	0	0	5,002	5,002	0	0	0	334	2,808	6,837	9,645
14	9,370	0	9,370	2,818	0	2,818	0	0	1,765	1,765	0	0	0	357	2,810	7,231	10,041
15	7,956	0	7,956	2,434	0	2,434	0	0	0	0	0	0	0	350	3,741	6,797	10,538
16	6,963	0	6,963	2,359	0	2,359	0	0	0	0	3,496	-41	3,455	370	3,710	6,189	9,899
17	6,023	0	6,023	2,365	0	2,365	0	0	0	0	0	0	0	353	3,853	7,043	10,896
18	5,506	0	5,506	2,450	0	2,450	0	0	0	0	1,763	-44	1,719	352	3,768	3,694	7,462
19	4,944	0	4,944	2,392	0	2,392	0	0	0	0	1,608	-61	1,547	332	3,768	5,116	8,884
20	8,904	0	8,904	2,188	0	2,188	0	0	1,128	1,128	1,434	-64	1,370	346	3,774	4,329	8,103
21	8,678	0	8,678	1,922	0	1,922	0	0	299	299	1,448	-79	1,369	378	3,805	5,929	9,734
22	9,954	0	9,954	1,793	0	1,793	0	0	3,709	3,709	2,499	-109	2,390	380	3,822	4,992	8,814
23	10,572	0	10,572	1,780	0	1,780	0	0	4,350	4,350	3,251	-186	3,065	442	3,828	4,017	7,845
24	12,253	0	12,253	1,727	0	1,727	0	0	9,384	9,384	0	0	0	443	3,880	8,204	12,084
25	12,127	0	12,127	1,497	0	1,497	0	0	7,108	7,108	2,151	-260	1,891	434	3,808	4,583	8,391
26	9,791	0	9,791	1,350	0	1,350	0	0	6,160	6,160	2,136	-248	1,888	463	3,742	5,121	8,863
27	7,880	0	7,880	2,103	0	2,103	0	0	5,517	5,517	2,122	-403	1,719	477	3,750	4,854	8,604
28	6,024	0	6,024	2,657	0	2,657	0	0	6,936	6,936	0	0	0	663	3,397	3,851	7,248
<b>TOTAL</b>	<b>261,115</b>	<b>0</b>	<b>261,115</b>	<b>93,737</b>	<b>0</b>	<b>93,737</b>	<b>0</b>	<b>168,394</b>	<b>20,413</b>	<b>20,413</b>	<b>10,216</b>	<b>242,296</b>	<b>87,567</b>	<b>154,729</b>	<b>377</b>		
<b>FEDERAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>93,737</b>	<b>0</b>	<b>93,737</b>	<b>0</b>	<b>40,621</b>	<b>21,908</b>	<b>21,908</b>		<b>87,567</b>	<b>87,567</b>	<b>87,567</b>			
<b>STATE</b>	<b>261,115</b>	<b>0</b>	<b>261,115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>127,773</b>	<b>-1,495</b>	<b>-1,495</b>		<b>154,729</b>	<b>154,729</b>	<b>154,729</b>	<b>377</b>		

COMMENTS: ALL VALUES IN ACRE-FEET

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

Table 20

FEBRUARY 2002

FEDERAL-STATE OPERATIONS

RUN DATE: March 13, 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	8,230	0	8,230	10,878	10,986	0	10,986	0	0	0	4,290	0	4,290	2,189
2	8,021	0	8,021	10,903	11,268	0	11,268	0	0	0	5,395	0	5,395	1,905
3	8,225	0	8,225	10,996	11,061	0	11,061	0	0	0	5,508	0	5,508	2,122
4	8,202	0	8,202	10,711	10,840	0	10,840	0	0	0	4,073	0	4,073	2,405
5	8,218	0	8,218	10,901	11,094	0	11,094	0	0	0	3,565	0	3,565	2,901
6	7,312	0	7,312	10,914	11,064	0	11,064	0	0	0	5,386	0	5,386	2,791
7	7,007	0	7,007	10,902	11,053	0	11,053	0	0	0	5,265	0	5,265	2,730
8	7,068	0	7,068	10,892	11,064	0	11,064	0	0	0	5,009	0	5,009	2,712
9	7,075	0	7,075	10,886	11,100	0	11,100	0	0	0	7,062	0	7,062	2,948
10	7,003	0	7,003	10,907	11,165	0	11,165	0	0	0	6,236	0	6,236	2,920
11	7,027	0	7,027	10,898	10,340	0	10,340	0	0	0	5,018	0	5,018	2,965
12	7,009	0	7,009	10,298	10,298	0	10,298	0	0	0	5,624	0	5,624	3,239
13	6,831	0	6,831	10,294	10,122	0	10,122	0	0	0	5,928	0	5,928	3,499
14	6,666	0	6,666	9,895	10,024	0	10,024	0	0	0	6,265	0	6,265	3,848
15	6,676	0	6,676	7,911	8,276	0	8,276	0	0	0	5,867	0	5,867	4,242
16	6,662	0	6,662	6,931	7,382	0	7,382	0	0	0	6,756	0	6,756	4,303
17	6,689	0	6,689	5,949	6,357	0	6,357	0	0	0	7,827	0	7,827	4,324
18	6,651	0	6,651	5,893	5,978	0	5,978	0	0	0	4,734	0	4,734	4,201
19	6,683	0	6,683	8,526	5,066	0	5,066	0	0	0	5,659	0	5,659	4,291
20	6,669	0	6,669	8,890	8,826	0	8,826	0	0	0	4,831	0	4,831	4,481
21	6,669	0	6,669	9,070	9,393	0	9,393	0	0	0	5,838	0	5,838	4,747
22	6,667	0	6,667	10,295	10,424	0	10,424	0	0	0	6,195	0	6,195	4,874
23	6,705	0	6,705	10,502	10,760	0	10,760	0	0	0	5,481	0	5,481	4,925
24	6,685	0	6,685	13,279	12,913	0	12,913	0	0	0	8,368	0	8,368	4,958
25	6,665	0	6,665	13,085	12,956	0	12,956	0	0	0	5,671	0	5,671	5,168
26	6,937	0	6,937	9,911	10,169	0	10,169	0	0	0	6,100	0	6,100	5,587
27	7,661	0	7,661	7,931	7,974	0	7,974	0	0	0	6,327	0	6,327	5,558
28	7,911	0	7,911	7,930	6,531	0	6,531	0	377	0	5,012	0	5,012	5,254
<b>TOTALS</b>	<b>199,824</b>	<b>0</b>	<b>199,824</b>	<b>276,378</b>	<b>274,484</b>	<b>0</b>	<b>274,484</b>	<b>0</b>	<b>377</b>	<b>0</b>	<b>159,290</b>	<b>0</b>	<b>159,290</b>	<b>106,087</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	9404											22453
Delta-Mendota	254400	199820											454220
Actual Fed Dos Amigos	40076	85223											125299
Madera	0	0											0
Friant-Kern	11328	30796											42124
Corning	0	0											0
Folsom-South	1553	1553											3106
Sly Park - Camino Conduit	1097	908											2005
Tehama-Colusa	0	1636											1636
<b>CACHUMA PROJECT</b>													
Tecolete Tunnel	1872	2225											4097
<b>KLAMATH PROJECT</b>													
"A" Canal Upper Klamath	0	0											0
Klamath Drainage District	25120	7580											32700
Clear Lake Reservoir	0	0											0
Gerber Reservoir	0	0											0
Klamath River to Lost River	0	0											0
<b>ORLAND PROJECT</b>													
Stony Creek	0	0											0
South Canal	0	0											0
North Canal	0	0											0
<b>SOLANO PROJECT</b>													
Putah South Canal	3319	2906											6225

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	0											0
Arvin-Edison WSD	2900	3616											6516
Atwell Island WD	0	0											0
Delano-Earlimart ID	81	2459											2540
Exeter ID	22	34											56
City of Fresno	0	0											0
County of Fresno SA #34	5	3											8
Fresno ID	11	131											142
Garfield WD	0	0											0
Hills Valley ID	22	0											22
International WD	0	108											108
Ivanhoe ID	0	0											0
Kawaeah Delta WCD	0	0											0
Kern County Water Agency	0	0											0
Kern-Tulare WD	162	355											517
Lewis Creek WD	0	0											0
Lindmore ID	0	0											0
City of Lindsay	122	102											224
Lindsay-Strathmore ID	0												0
Lower Tule River ID	824	396											1220
North-Kern WSD	0	0											0
City of Orange Cove	87	88											175
Orange Cove ID	298	38											336
Pixley ID	0	0											0
Porterville ID	0	0											0
Rag Gulch WD	9	196											205
Rosedale Rio Bravo WSD	0	0											0
Saucelito ID	11	259											270
Semitropic WSD	0	0											0
Shafter Wasco ID	1465	6869											8334
Southern San Joaquin MUD	401	6254											6655
Smallwood Vineyards	0	0											0
Stone Corral ID	70	6											76
Strathmore PUD	30	24											54
Styro Tek, Inc.	0	1											1
Tea Pot Dome WD	0	48											48
Terra Bella ID	153	76											229
Tri-Valley WD	0	0											0
Tulare ID	0	5045											5045
<b>Total</b>	<b>6673</b>	<b>26108</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>32781</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	0	0											0
Madera ID	0	0											0
Soquel	0	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>MILLERTON LAKE</b>													
County of Madera	2	2											4
Fresno County # 18	5	5											10
Gravelly Ford WD	0	0											0
<b>Total</b>	<b>7</b>	<b>7</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>14</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											0
Broadview WD	428	1829											2257
CCID (Abv CK 13)	61	641											702
CCID (Blw CK 13)	309	1100											1409
Centinella WD	0	0											0
China Island (76.05)	0	0											0
Del Puerto WD	56	1910											1966
DWR Intertie @MP7.70-R	0	0											0
Eagle Field WD	0	548											548
Firebaugh Canal	192	2050											2242
Frietas Unit (76.05L)	0	0											0
Mercy Springs WD	1	123											124
Oro Loma WD	0	113											113
Panoche WD - Ag	51	341											392
Panoche WD - M&I	2	3											5
Patterson WD	0	0											0
Plainview WD	0	13											13
Salt Slough Unit (76.05L)	0	0											0
San Luis WD - Ag	355	1098											1453
San Luis WD - M&I	1	1											2
Tracy, City of	0	0											0
West Side ID	6	0											6
Wildren	0	0											0
W. Stanislaus ID	0	984											984
F&G - Los Banos Ref. 76.05L	0	0											0
Volta Wildlife Mgmt Area	0	113											113
Grasslands -76.05L	4820	7408											12228
Grasslands - Volta	402	427											829
F&S (Volta) Santa Fee Kest.	0	0											0
F&S - Kesterson 76.05L	0	0											0
<b>Total DMC Deliveries</b>	<b>6684</b>	<b>18702</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>25386</b>
Oneill Pumped	225493	93737											319230
DMC plus Oneill	232177	112439	0	0	0	0	0	0	0	0	0	0	344616

\* 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	212	141											353
Broadview WD	1	1											2
City of Coalinga	280	241											521
City of Dos Palos	66	65											131
City of Huron	43	46											89
Pacheco WD	328	708											1036
Panoche WD	2602	4828											7430
San Luis WD	1066	5700											6766
Westlands WD (Federal)	35134	74079											109213
Phase I (Non-chargeable)	0	8											8
Fish & Game (Lateral 4)	1	1											2
Fish & Game (Lateral 6)	51	0											51
<b>Total</b>	<b>39784</b>	<b>85818</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>125602</b>
<b>O'NEILL FOREBAY DELIVERIES</b>													
Oneill Forebay Wildlife	76	63											139
San Luis WD Ag	117	620											737
San Luis M&I	28	22											50
VA Cemetary	2	2											4
<b>Total</b>	<b>223</b>	<b>707</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>930</b>
<b>CROSS VALLEY CANAL</b>													
Arvin Edison WSD	0	0											0
Kern-Tulare	0	0											0
Pixley ID	0	0											0
Rag Gulch	0	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	9306											18026
San Benito	323	1360											1683
<b>Total</b>	<b>9043</b>	<b>10666</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>19709</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											0
Anderson Cottonwood ID	0	0											0
Andreotti, Arthur, et al	0	0											0
Baber, Jack	0	0											0
A&R Farms (Odysseus)	0	0											0
Windswept Land & Livestock	0	0											0
Cannel, Fred	0	0											0
Carter, Jane	0	0											0
Colusa Prop. Inc	0	0											0
Conaway Construction Group	0	0											0
Davis, Olive P.	0	0											0
Deseret Farms of Calif	0	0											0
Dommer, Elizabeth	0	0											0
Odysseus Farms	0	0											0
Forry, David G.	0	0											0
Furlan Area #1	0	0											0
Furlan Area #2	0	0											0
Glenn-Colusa ID	0	0											0
Griffin, J.	0	0											0
Henle, John R.	0	0											0
Hershey Land Co	0	0											0
Hiatt, Glenn	0	0											0
Hollins, Mariette	0	0											0
Howald Farms	0	0											0
King, Barbara	0	0											0
Knaggs, Layton	0	0											0
Lockett, WilliamP.	0	0											0
M&T Inc.	0	0											0
MCM Properties, Inc	0	0											0
Maxwell ID	0	0											0
Meridan Farms WC	0	0											0
Natomas Central MWC	0	0											0
O'Brien, Janice	0	0											0
Oji Bros. Farms Inc	0	0											0
Oji, Mitsue Family PTN	0	0											0
Pelger Mutual WC	0	0											0
Pleasant-Grove-Verona	0	0											0
Loma Cold Storage (Premier)	0	0											0
Princeton,-Codora	0	0											0
Provident Irrigation	0	0											0
Reclamation Dist #108	0	0											0
Reclamation Dist #1004	0	0											0
Reynen, et al	0	0											0
River Garden Farms	0	0											0
Roberts Ditch Irrigation Co	0	0											0
Sartain Mutual WC	0	0											0
Siddiqui, J & A	0	0											0
Spence, Ruth	0	0											0
Sutter Mutual	0	0											0
Swinford Tract Irrigation Co	0	0											0
Tarke, James	0	0											0
Tisdale Irrigation & Drain	0	0											0
Wallace Construction	0	0											0
Wells, Joyce	0	0											0
Wilson Ranch	0	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	9254										
At Keswick	6960	4148										
At Bend Bridge	15587	8270										
At Vina Bridge	19635	8871										
At Ord Ferry	22050	7441										
At Colusa	20772	10171										
Below Wilkins Slough	18180	10576										
At Verona	34138	14345										
Sacramento at "I" Street	36687	15849										
<b>Miscellaneous Stations</b>												
Folsom computed inflow	3901	3822										
American R at Nimbus Dam	1460	1503										
Kings River at Pine Flat	95	602										
<b>San Joaquin River</b>												
At Friant Dam	93	95										
Near Vernalis	2920	2191										
<b>Putah Creek</b>												
Berryessa computed inflow	2096	358										
Putah Creek - Lake Solano	45	16										
<b>Stanislaus River</b>												
New Melones computed inflow	1062	779										
At Tulloch Dam	319	499										
At Orange Blossom	247	319										

\* 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
	Feb 02	Jul 01 - Feb 02	Season	Season	of Jul-Jun	WY 01
				Total	Season	Total
				Jul 01 -Jun 02	TOTAL	Oct 01 - Feb 02
Alturas	1.70	8.36	1.22	12.50	67	7.23
Auberry	1.13	15.66	4.09	24.72	63	15.47
Auburn	3.65	19.18	6.29	33.66	57	18.73
Bakersfield	0.26	2.79	1.03	6.12	46	2.74
Blue Canyon	5.61	44.91	10.36	63.49	71	44.33
Cachuma	0.24	7.72	4.44	19.94	39	7.66
Calaveras Big Trees	4.41	33.87	9.06	54.49	62	33.05
Callahan	2.34	15.14	2.71	21.30	71	13.95
Colfax	5.06	30.59	7.57	46.86	65	30.21
Crane Valley	1.29	19.36	7.39	40.36	48	19.25
East Park	0.81	17.67	3.18	17.92	99	17.67
Folsom	1.34	15.40	3.84	24.15	64	14.96
Ft. Jones	NA	15.19	2.61	21.57	70	13.76
Fresno	0.41	5.46	1.72	10.24	53	5.39
Friant Dam	0.99	9.20	2.52	14.12	65	9.10
Hetch Hetchy	1.14	24.27	5.64	35.67	68	22.45
Huntington	2.14	27.57	6.87	42.65	65	26.64
Georgetown	2.24	31.96	7.90	53.76	59	31.96
Lake Spaulding	5.28	49.17	10.62	68.66	72	48.46
Markley Cove (Berryessa)	6.60	19.51	4.42	25.53	76	19.18
McCloud	1.40	34.14	8.28	49.51	69	32.65
Mt. Shasta		27.68	5.52	32.52	85	25.95
New Melones	1.84	17.48	4.02	24.17	72	17.26
Pacific House	4.76	28.92	7.45	50.47	57	28.92
Placerville	4.25	26.30	6.13	38.35	69	25.83
Sacramento	1.04	12.62	3.05	18.33	69	12.29
Salt Springs	3.70	28.83	7.16	45.54	63	27.94
San Luis	0.53	5.59	1.45	9.81	57	5.53
Shasta Dam	5.21	50.72	9.28	60.44	84	49.73
Soda Springs	5.03	40.65	8.99	58.20	70	39.51
Sly Park	4.96	30.15	7.18	48.91	62	29.77
Stony Gorge	0.80	17.20	3.17	18.59	93	17.20
Susanville Airport		9.95	2.84	18.10	55	9.55
Tiger Creek	4.07	28.20	7.51	46.24	61	27.75
Trinity River Hatchery	3.88	28.77	4.75	34.10	84	27.34
Twin Lakes	2.72	27.18	7.29	47.57	57	26.09
Weaverville Ranger St.	4.82	34.09	5.36	38.21	89	33.00
Whiskeytown Dam	4.91	51.80	8.91	60.59	85	50.77
Yosemite Valley Hdqts.	1.91	22.75	5.84	36.65	62	22.19
Klamath Experiment St.		7.88	1.59	13.02	61	6.99

Data supplied by various agencies.