

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

DECEMBER 1999

TRINITY LAKE DAILY OPERATIONS

RUN DATE: January 25, 2000

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	2,334.23	1,905.4								
2	2,334.14	1,904.2	-1.1	1,447	2,014			0	.00	.40
3	2,334.02	1,903.0	-1.3	989	1,619			8	.02	.25
4	2,333.88	1,901.3	-1.7	685	1,521			12	.03	
5	2,333.69	1,899.3	-2.0	585	1,561			12	.03	
6	2,333.51	1,896.7	-2.7	449	1,779			8	.02	
7	2,333.33	1,894.2	-2.5	670	1,937			0	.00	
8	2,333.17	1,891.7	-2.5	604	1,871			0	.00	.13
9	2,333.03	1,889.4	-2.2	761	1,873			16	.04	
10	2,333.03	1,887.5	-2.0	1,181	2,166			0	.00	.18
11	2,332.84	1,884.8	-2.6	615	1,943			4	.01	.15
12	2,332.72	1,883.1	-1.7	703	1,532			12	.03	
13	2,332.62	1,881.8	-1.4	780	1,476			4	.01	
14	2,332.54	1,880.6	-1.1	857	1,418			0	.00	.19
15	2,332.40	1,878.7	-1.9	799	1,769			12	.03	
16	2,332.29	1,877.2	-1.5	816	1,574			12	.03	
17	2,332.26	1,876.8	-0.4	660	870			0	.00	
18	2,332.22	1,876.2	-0.6	789	1,061			8	.02	
19	2,332.23	1,876.3	+0.1	401	327			4	.01	
20	2,332.27	1,876.9	+0.6	602	314			8	.02	
21	2,332.22	1,876.2	-0.7	966	1,316			0	.00	
22	2,332.28	1,877.0	+0.8	699	267			12	.03	
23	2,332.30	1,877.3	+0.3	489	349			0	.00	
24	2,332.21	1,876.1	-1.3	620	1,250			0	.00	.02
25	2,332.16	1,875.4	-0.7	697	1,047			0	.00	
26	2,332.20	1,875.9	+0.6	542	258			4	.01	
27	2,332.23	1,876.3	+0.4	449	235			4	.01	
28	2,332.23	1,876.3	+0.0	295	283			12	.03	
29	2,332.22	1,876.2	-0.1	857	919			8	.02	
30	2,332.23	1,876.3	+0.1	628	550			8	.02	
31	2,332.06	1,874.0	-2.4	587	1,778			0	.00	
31	2,332.04	1,873.7	-0.3	432	572			0	.00	
<b>TOTALS</b>			<b>-31.8</b>	<b>21,654</b>	<b>37,449</b>	<b>0</b>	<b>0</b>	<b>168</b>	<b>.42</b>	<b>1.32</b>
<b>ACRE-FEET</b>			<b>-31,800</b>	<b>42,951</b>	<b>74,280</b>	<b>0</b>	<b>0</b>	<b>333</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	74,280	OUTLET	0
SPILL	0	TOTAL	74,280
		THIS MONTH =	1.32
		JULY 1, 1999 TO DATE =	6.80

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

**DECEMBER 1999**

**LEWISTON LAKE DAILY OPERATIONS**

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION (2)		
		ACRE-FEET IN LAKE	CHANGE		POWER	RIVER OUTLETS (1)	JUDGE FRANCIS CARR POWERPLANT	SPILL	C.F.S.	INCHES
		14,023								
1	1,901.31	14,143	+120	1,871	80	220		1,511	0	.00
2	1,901.31	14,143	+0	1,756	80	220		1,456	0	.02
3	1,900.89	13,830	-313	1,627	80	220		1,484	1	.03
4	1,900.60	13,617	-213	1,658	80	220		1,465	1	.03
5	1,900.91	13,845	+228	1,946	80	220		1,531	0	.02
6	1,901.02	13,926	+81	1,858	80	220		1,517	0	.00
7	1,901.35	14,173	+247	1,936	80	220		1,512	0	.00
8	1,900.89	13,830	-343	1,620	80	220		1,492	1	.04
9	1,901.17	14,038	+208	1,865	80	220		1,460	0	.00
10	1,900.88	13,823	-216	1,700	80	220		1,508	0	.01
11	1,901.17	14,038	+216	1,371	80	220		962	1	.03
12	1,900.90	13,837	-201	1,238	80	220		1,039	0	.01
13	1,900.67	13,668	-169	1,190	80	220		975	0	.00
14	1,901.18	14,046	+378	1,433	80	220		942	1	.03
15	1,900.82	13,779	-267	1,145	80	220		979	1	.03
16	1,900.36	13,440	-339	717	80	220		588	0	.00
17	1,901.38	14,195	+755	890	80	220		209	0	.02
18	1,901.15	14,023	-172	213	80	220			0	.01
19	1,900.91	13,845	-178	210	80	220			0	.02
20	1,901.29	14,128	+283	1,048	80	220		605	0	.00
21	1,900.96	13,882	-246	177	80	220			1	.03
22	1,900.86	13,808	-74	264	80	220		1	0	.00
23	1,901.42	14,225	+417	1,062	80	220		552	0	.00
24	1,901.72	14,450	+225	861	80	220		448	0	.00
25	1,901.43	14,233	-217	191	80	220			0	.01
26	1,900.97	13,889	-344	127	80	220			0	.01
27	1,900.67	13,668	-221	190	80	220			1	.03
28	1,900.62	13,631	-37	713	80	220		432	0	.02
29	1,900.99	13,904	+273	438	80	220			0	.02
30	1,901.13	14,008	+104	1,419	32	220	48	1,067	0	.00
31	1,900.91	13,845	-163	453		220	80	235	0	.00
<b>TOTALS</b>			<b>-178</b>	<b>33,187</b>	<b>2,352</b>	<b>6,820</b>	<b>128</b>	<b>23,970</b>	<b>8</b>	<b>.42</b>
<b>ACRE-FEET</b>			<b>-178</b>	<b>65,826</b>	<b>4,665</b>	<b>13,527</b>	<b>254</b>	<b>47,544</b>	<b>16</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	4,665	JUDGE FRANCIS CARR POWERPLANT 47,544
TOTAL RIVER	18,446	TOTAL RELEASE 65,990

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

**DECEMBER 1999**

**WHISKEYTOWN LAKE DAILY OPERATIONS**

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	FROM JUDGE FRANCIS CARR PP	CLEAR CR. NATURAL FLOW	RELEASE - C.F.S.			EVAPORATION C.F.S.	INCHES	PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE				TO CLEAR CR (1) OUTLETS	TO SPRING CR. PP	SPILL			
		206.5										
1	1,198.63	206.1	-0.4	1,738	1,511	227	200	0	1,761	0	.00	.54
2	1,198.48	205.6	-0.4	1,685	1,456	229	200	0	1,700	8	.09	.2
3	1,198.41	205.4	-0.2	1,664	1,484	180	200	0	1,566	2	.02	
4	1,198.35	205.2	-0.2	1,652	1,465	187	200	0	1,539	3	.03	
5	1,198.39	205.4	+0.1	1,613	1,531	82	200	0	1,351	3	.03	
6	1,198.51	205.7	+0.4	1,703	1,517	186	200	0	1,323	2	.02	
7	1,198.33	205.2	-0.5	1,693	1,512	181	200	0	1,760	0	.00	.05
8	1,198.41	205.4	+0.2	1,750	1,492	258	200	0	1,428	3	.04	
9	1,198.36	205.3	-0.1	1,576	1,460	116	200	0	1,449	2	.02	.31
10	1,198.31	205.1	-0.1	1,561	1,508	53	200	0	1,435	1	.01	.1
11	1,198.32	205.2	+0.0	958	962	-4	200	0	742	1	.01	
12	1,198.36	205.3	+0.1	1,017	1,039	-22	200	0	757	1	.01	
13	1,198.42	205.4	+0.2	1,031	975	56	200	0	742	0	.00	.08
14	1,198.29	205.1	-0.4	987	942	45	200	0	977	3	.03	
15	1,198.24	204.9	-0.1	1,045	979	66	200	0	915	4	.05	
16	1,198.45	205.5	+0.6	570	588	-18	200	0	57	1	.01	
17	1,198.40	205.4	-0.1	157	209	-52	200	0	31	1	.01	
18	1,198.30	205.1	-0.3	54		54	200	0	1	1	.01	
19	1,198.16	204.7	-0.4	18		18	200	0	22	4	.05	
20	1,198.41	205.4	+0.7	576	605	-29	200	0	2	2	.02	
21	1,198.29	205.1	-0.4	27		27	200	0		5	.06	
22	1,198.20	204.8	-0.3	73	1	72	200	0		7	.08	
23	1,198.46	205.6	+0.8	592	552	40	200	0		6	.07	
24	1,198.69	206.2	+0.7	544	448	96	200	0		2	.02	
25	1,198.61	206.0	-0.2	83		83	200	0		2	.02	
26	1,198.51	205.7	-0.3	59		59	200	0		8	.09	
27	1,198.41	205.4	-0.3	60		60	200	0		8	.09	
28	1,198.51	205.7	+0.3	452	432	20	200	0	101	3	.03	
29	1,198.26	205.0	-0.7	-19		-19	200	0	148	4	.05	
30	1,198.74	206.4	+1.4	1,055	1,067	-12	200	0	136	6	.07	
31	1,198.64	206.1	-0.3	190	235	-45	200	0	139	0	.00	
<b>TOTALS</b>			<b>-0.2</b>	<b>26,164</b>	<b>23,970</b>	<b>2,194</b>	<b>6,200</b>	<b>0</b>	<b>20,082</b>	<b>93</b>	<b>1.04</b>	<b>1.28</b>
<b>ACRE-FEET</b>			<b>-0.2</b>	<b>51,896</b>	<b>47,544</b>	<b>4,352</b>	<b>12,298</b>	<b>0</b>	<b>39,833</b>	<b>184</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	39,833	OUTLET	12,298	THIS MONTH		<b>1.28</b>
SPILL	0	TOTAL	52,131	JULY 1, 1999 TO DATE		<b>12.83</b>

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

DECEMBER 1999

SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	— RELEASE - C.F.S.—		— SPRING CR DEBRIS DAM —			**KES COPPER MG/L
		IN LAKE	CHANGE		SPILL	OUTLET	TIME	COPPER	ZINC	
		848								
1	710.05	862	+15	17		10				
2	710.03	862	-1	10		10				
3	709.89	858	-4	8		10				
4	709.10	836	-22	-1		10				
5	708.54	820	-16	2		10				
6	707.80	799	-21	0		10	0850	.75	1.53	
7	707.67	796	-4	3		5				
8	707.77	799	+3	1						
9	708.54	820	+22	11						
10	708.87	829	+9	5						
11	709.20	839	+9	5						
12	709.52	848	+9	5						
13	709.72	853	+6	3						
14	710.04	862	+9	5						
15	710.22	868	+6	3						
16	710.52	877	+9	5						
17	710.56	878	+1	1						
18	710.87	887	+9	5						
19	711.06	893	+6	3						
20	711.22	898	+5	3						
21	711.37	902	+4	2						
22	711.56	908	+6	3						
23	711.70	912	+4	2						
24	711.83	916	+4	2						
25	712.04	922	+6	3						
26	712.14	925	+3	2						
27	712.25	929	+4	2						
28	711.86	917	-12	1		7				
29	711.09	894	-23	-2		10				
30	710.33	871	-23	-2		10				
31	709.54	848	-23	-2		10				
<b>TOTALS</b>			<b>+0</b>	<b>105</b>		<b>0</b>				<b>102</b>
<b>ACRE-FEET</b>			<b>+0</b>	<b>208</b>		<b>0</b>				<b>202</b>

COMMENTS:

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

**SUMMARY**

RELEASE (ACRE-FEET)

SPILL 0  
 OUTLET 202  
 TOTAL 202

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

DECEMBER 1999

SHASTA LAKE DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION		PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE		POWER	RIVER SPILL	OUTLET	C.F.S.	INCHES	
1	1,019.39	3,268.4	+3.9	7,230	5,289				.00	.86
2	1,019.46	3,272.2	+1.7	7,460	6,596			14	.02	.12
3	1,019.38	3,273.9	+1.7	6,312	7,283				.00	.11
4	1,019.38	3,272.0	-1.9	6,312	7,283				.00	.11
5	1,019.24	3,268.6	-3.4	5,714	7,279			134	.19	
6	1,019.20	3,267.7	-1.0	6,411	6,861			35	.05	
7	1,019.09	3,265.0	-2.6	6,313	7,626			21	.03	
8	1,019.06	3,264.3	-0.7	6,177	6,542				.00	
9	1,019.01	3,263.1	-1.2	6,028	6,599			35	.05	
10	1,019.01	3,263.1	+0.0	6,312	6,291			21	.03	.40
11	1,018.89	3,260.2	-2.9	4,863	6,291			21	.03	.21
12	1,018.80	3,258.1	-2.2	5,359	6,389			56	.08	
13	1,018.68	3,255.2	-2.9	5,119	6,546			21	.03	
14	1,018.59	3,253.0	-2.2	5,877	6,928			35	.05	.15
15	1,018.58	3,252.8	-0.2	5,747	5,846			21	.03	
16	1,018.56	3,252.3	-0.5	5,781	5,966			56	.08	
17	1,018.51	3,251.1	-1.2	5,319	5,902			21	.03	
18	1,018.52	3,251.4	+0.2	5,790	5,634			35	.05	
19	1,018.48	3,250.4	-1.0	5,052	5,514			21	.03	
20	1,018.38	3,248.0	-2.4	4,201	5,359			49	.07	
21	1,018.26	3,245.1	-2.9	4,717	6,109			56	.08	
22	1,018.19	3,243.5	-1.7	4,823	5,549			119	.17	
23	1,018.10	3,241.3	-2.2	4,597	5,557			126	.18	
24	1,017.98	3,238.4	-2.9	4,281	5,623			105	.15	
25	1,017.89	3,236.3	-2.1	4,625	5,643			63	.09	
26	1,017.76	3,233.2	-3.1	4,236	5,664			133	.19	
27	1,017.73	3,232.5	-0.7	5,011	5,252			119	.17	
28	1,017.66	3,230.8	-1.7	4,695	5,431			105	.15	
29	1,017.71	3,232.0	+1.2	5,328	4,658			70	.10	
30	1,017.65	3,230.6	-1.4	4,422	5,086			56	.08	
31	1,017.55	3,228.2	-2.4	3,822	4,974			49	.07	
31	1,017.52	3,227.5	-0.7	3,830	4,134			56	.08	
<b>TOTALS</b>			<b>-41.1</b>	<b>165,452</b>	<b>184,421</b>	<b>0</b>	<b>0</b>	<b>1,653</b>	<b>2.36</b>	<b>1.85</b>
<b>ACRE-FEET</b>			<b>-41,100</b>	<b>328,174</b>	<b>365,799</b>	<b>0</b>	<b>0</b>	<b>3,279</b>		

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
POWER	365,799	OUTLET	0
SPILL	0	TOTAL	365,799
		THIS MONTH =	1.85
		JULY 1, 1999 TO DATE =	12.13

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

DECEMBER 1999

FULL NATURAL FLOW AT SHASTA DAM

RUN DATE: January 25, 2000

DAY	STORAGE - A.F.			RESERVOIR		CHANGE		SHASTA INFLOW C.F.S	NATURAL RIVER C.F.S	ACCUM * FULL NATURAL 1000 A.F.	
	LAKE BRITTON	MCCLOUD DIV RES	IRON CANYON RES	PIT 6	PIT 7	A.F.	C.F.S.				
1	38,196	23,058	11,834	15,277	27,919	116,284	+3,206	+1,616	7,230	8,847	646.7
2	38,441	23,218	10,875	14,785	28,536	115,855	-429	-216	7,460	7,243	661.0
3	38,748	23,218	10,218	15,434	29,037	116,655	+800	+403	6,312	6,715	674.4
4	38,748	23,098	9,211	14,658	31,411	117,126	+471	+237	5,714	5,951	686.2
5	38,196	22,858	8,640	14,104	31,411	115,209	-1,917	-966	6,411	5,445	697.0
6	38,196	22,581	8,413	13,248	31,146	113,584	-1,625	-819	6,313	5,494	707.9
7	38,073	22,345	8,115	12,843	31,014	112,390	-1,194	-602	6,177	5,575	718.9
8	37,951	21,995	7,729	12,306	31,322	111,303	-1,087	-548	6,028	5,480	729.8
9	37,830	21,686	7,448	11,293	32,486	110,743	-560	-282	6,312	6,030	741.8
10	37,285	21,341	7,174	12,123	33,307	111,230	+487	+246	4,863	5,109	751.9
11	36,864	20,963	7,242	12,773	33,399	111,241	+11	+6	5,359	5,364	762.5
12	36,447	20,701	7,084	13,734	33,684	111,650	+409	+206	5,119	5,325	773.1
13	36,151	20,403	7,242	14,030	33,538	111,364	-286	-144	5,877	5,733	784.5
14	35,680	20,108	7,107	13,906	33,215	110,016	-1,348	-680	5,747	5,067	794.5
15	35,096	19,816	6,713	13,611	33,445	108,681	-1,335	-673	5,781	5,108	804.6
16	34,462	19,599	6,585	13,296	33,492	107,434	-1,247	-629	5,319	4,690	813.9
17	34,807	19,419	7,062	11,782	33,445	106,515	-919	-463	5,790	5,327	824.5
18	35,915	19,312	7,018	10,207	33,307	105,759	-756	-381	5,052	4,671	833.8
19	36,864	19,205	7,129	11,206	31,766	106,170	+411	+207	4,201	4,408	842.5
20	38,134	19,098	7,174	13,758	30,186	108,350	+2,180	+1,099	4,717	5,816	854.1
21	38,318	18,992	7,474	14,229	30,014	109,027	+677	+341	4,823	5,164	864.3
22	37,466	19,098	7,379	13,980	30,882	108,805	-222	-112	4,597	4,485	873.2
23	36,924	19,098	7,896	14,940	31,499	110,357	+1,552	+782	4,281	5,063	883.2
24	36,507	19,134	8,066	15,173	31,722	110,602	+245	+124	4,625	4,749	892.7
25	35,738	19,169	7,872	15,121	33,399	111,299	+697	+351	4,236	4,587	901.8
26	35,154	19,169	8,066	15,147	33,630	111,166	-133	-67	5,011	4,944	911.6
27	35,038	19,240	8,363	15,121	32,803	110,565	-601	-303	4,695	4,392	920.3
28	34,634	19,276	8,263	13,685	33,307	109,165	-1,400	-706	5,328	4,622	929.4
29	35,154	19,276	7,896	13,176	33,584	109,086	-79	-40	4,422	4,382	938.1
30	36,151	19,276	8,313	13,758	32,986	110,484	+1,398	+705	3,822	4,527	947.1
31	37,526	19,312	8,189	13,685	32,486	111,198	+714	+360	3,830	4,190	955.4
<b>TOTALS</b>							<b>-1,880</b>			<b>164,503</b>	
* October 1, 1999 TO DATE										<b>326,292</b>	

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

DECEMBER 1999

**KESWICK RESERVOIR DAILY OPERATIONS**

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED*	SPRING	SHASTA	RELEASE - C.F.S.			EVAP	
		ACRE-FEET RES.	CHANGE				INFLOW C.F.S.	CR. P. P. RELEASE	RELEASE C.F.S		POWER
		22,582									
1	585.12	22,582	+0	7,481	1,761	5,289	7,481				0
2	583.30	21,465	-1,117	8,137	1,700	6,596	8,700				0
3	584.22	22,026	+561	8,703	1,566	7,283	8,421				0
4	584.81	22,390	+364	8,690	1,539	7,279	8,503				3
5	583.64	21,671	-719	8,020	1,351	6,861	8,381				1
6	583.77	21,750	+79	8,389	1,323	7,626	8,349				1
7	582.46	20,961	-790	8,008	1,760	6,542	8,406				0
8	582.03	20,704	-257	7,907	1,428	6,599	8,036				1
9	583.17	21,386	+682	8,027	1,449	6,291	7,683				1
10	583.93	21,848	+461	7,787	1,435	6,291	7,554				1
11	583.11	21,350	-498	7,396	742	6,389	7,645				2
12	582.68	21,092	-258	7,569	757	6,546	7,699				1
13	583.19	21,398	+306	7,717	742	6,928	7,562				1
14	582.46	20,961	-438	6,849	977	5,846	7,069				1
15	583.94	21,854	+893	7,028	915	5,966	6,577				1
16	583.88	21,817	-37	6,072	57	5,902	6,090				1
17	583.54	21,611	-206	5,707	31	5,634	5,810				1
18	583.32	21,477	-134	5,533	1	5,514	5,600				1
19	583.47	21,568	+91	5,570	22	5,359	5,523				1
20	583.36	21,502	-66	5,500	2	6,109	5,532				1
21	583.54	21,611	+109	5,550	0	5,549	5,492				3
22	583.12	21,356	-255	5,374	0	5,557	5,500				3
23	582.87	21,205	-151	5,462	0	5,623	5,535				3
24	583.54	21,611	+406	5,605	0	5,643	5,398				2
25	584.64	22,285	+674	5,859	0	5,664	5,516				3
26	584.35	22,106	-179	5,386	0	5,252	5,473				3
27	584.77	22,365	+259	5,553	0	5,431	5,419				3
28	582.76	21,140	-1,225	4,664	101	4,658	5,280				2
29	584.14	21,976	+836	5,504	148	5,086	5,082				1
30	584.37	22,118	+142	4,906	136	4,974	4,833				1
31	582.37	20,907	-1,211	4,397	139	4,134	4,840	167			1
<b>TOTALS</b>			<b>-1,678</b>	<b>204,350</b>	<b>20,082</b>	<b>184,421</b>	<b>204,989</b>	<b>167</b>	<b>0</b>		<b>44</b>
<b>ACRE-FEET</b>			<b>-1,678</b>	<b>405,328</b>	<b>39,833</b>	<b>365,799</b>	<b>406,596</b>	<b>331</b>	<b>0</b>		<b>87</b>

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

**SUMMARY**  
RELEASE (ACRE-FEET)

POWER	406,596
SPILL	331
FISH TRAP	0

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

DECEMBER 1999

**FOLSOM LAKE DAILY OPERATIONS**

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			PUMPING PLANT	EVAPORATION		PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE		POWER	RIVER SPILL	OUTLET		C.F.S.	INCHES	
		580.1									
1	426.24	580.6	+0.4	1,980	1,644			117			.14
2	426.30	581.1	+0.5	2,639	2,251			117	9		.03
3	426.14	579.7	-1.4	1,930	2,491			119	20		.07
4	426.09	579.3	-0.4	2,366	2,430			120	35		.12
5	426.00	578.5	-0.8	2,116	2,367			120	23		.08
6	425.86	577.3	-1.2	1,905	2,384			120	9		.03
7	425.66	575.6	-1.7	1,607	2,339			118	17		.06
8	425.62	575.2	-0.3	2,247	2,293			119	9		.03
9	425.58	574.9	-0.3	2,119	2,158			118	17		.06
10	425.54	574.5	-0.3	2,338	2,391			112	9		.03
11	425.45	573.8	-0.8	1,212	1,490			107	6		.02
12	425.19	571.5	-2.2	1,571	2,574			108	17		.06
13	424.99	569.8	-1.7	1,768	2,503			107	26		.09
14	424.93	569.3	-0.5	2,442	2,586			111	3		.01
15	424.88	568.9	-0.4	2,276	2,371			106	14		.05
16	424.83	568.4	-0.4	1,959	2,054			114	6		.02
17	424.84	568.5	+0.1	2,137	2,026			51	17		.06
18	424.47	565.4	-3.2	927	2,457			51	11		.04
19	424.18	562.9	-2.5	1,196	2,376			51	17		.06
20	423.69	558.7	-4.2	175	2,200			51	20		.07
21	423.40	556.3	-2.5	1,202	2,381			51	6		.02
22	423.24	554.9	-1.4	1,638	2,149			151	20		.07
23	422.90	552.1	-2.9	1,155	2,462			125	14		.05
24	422.55	549.1	-2.9	976	2,297			141	17		.06
25	422.16	545.9	-3.3	837	2,351			131	3		.01
26	421.82	543.0	-2.8	708	1,982			128	28		.10
27	421.42	539.7	-3.3	701	2,213			135	28		.10
28	421.17	537.6	-2.1	1,075	1,980			114	28		.10
29	420.92	535.6	-2.1	1,081	1,982			115	28		.10
30	420.65	533.3	-2.2	972	1,980			109	3		.01
31	420.27	530.2	-3.1	525	1,980			119	3		.01
<b>TOTALS</b>			<b>-49.9</b>	<b>47,780</b>	<b>69,142</b>	<b>0</b>	<b>0</b>	<b>3,356</b>	<b>463</b>	<b>1.62</b>	<b>.23</b>
<b>ACRE-FEET</b>			<b>-49,900</b>	<b>94,772</b>	<b>137,143</b>	<b>0</b>	<b>0</b>	<b>6,657</b>	<b>918</b>		

COMMENTS:

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

**SUMMARY**

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	137,143	OUTLET	0	THIS MONTH =	.23
SPILL	0	TOTAL	143,800	JULY 1, 1999 TO DATE =	3.06
PUMPING PLANT	6,657				



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

DECEMBER 1999

LAKE NATOMA DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	FOLSOM SOUTH CANAL	RELEASE - C.F.S.			EVAP C.F.S. (1)
		IN LAKE	CHANGE			POWER	SPILL	HATCHERY	
		7,741							
1	121.17	6,992	-749	1,974		2,292	0	60	0
2	120.62	6,769	-223	2,327	8	2,371	0	60	0
3	121.04	6,938	+169	2,512	24	2,342	0	60	1
4	121.00	6,921	-17	2,390	32	2,305	0	60	2
5	120.95	6,901	-20	2,369	38	2,280	0	60	1
6	121.13	6,976	+75	2,421	40	2,283	0	60	0
7	123.57	8,059	+1,083	2,903	40	2,256	0	60	1
8	123.57	8,059	+0	2,390	40	2,290	0	60	0
9	123.17	7,871	-188	2,268	40	2,262	0	60	1
10	123.33	7,946	+75	2,428	40	2,290	0	60	0
11	122.29	7,472	-474	2,146	35	2,290	0	60	0
12	122.87	7,733	+261	2,576	30	2,353	0	60	1
13	123.68	8,111	+378	2,679	30	2,397	0	60	1
14	124.10	8,311	+200	2,481	30	2,290	0	60	0
15	123.99	8,256	-55	2,358	30	2,295	0	60	1
16	123.33	7,946	-310	2,313	30	2,379	0	60	0
17	123.17	7,871	-75	2,322	27	2,272	0	60	1
18	123.83	8,181	+310	2,545	25	2,303	0	60	1
19	123.34	7,951	-230	2,270	25	2,300	0	60	1
20	123.73	8,134	+183	2,477	28	2,296	0	60	1
21	123.72	8,129	-5	2,406	30	2,319	0	60	0
22	123.85	8,191	+62	2,429	33	2,304	0	60	1
23	124.45	8,486	+295	2,562	35	2,314	3	60	1
24	124.37	8,446	-40	2,473	35	2,395	2	60	1
25	123.83	8,181	-265	2,250	35	2,289	0	60	0
26	122.70	7,656	-525	2,183	35	2,352	0	60	1
27	123.99	8,256	+600	2,719	35	2,321	0	60	1
28	122.74	7,674	-582	1,835	35	2,032	0	60	1
29	122.45	7,544	-130	1,964	35	1,934	0	60	1
30	122.59	7,607	+63	2,207	35	2,080	0	60	0
31	122.72	7,665	+58	2,040	35	1,833	83	60	0
<b>TOTALS</b>			<b>-76</b>	<b>73,217</b>	<b>970</b>	<b>70,319</b>	<b>88</b>	<b>1,860</b>	<b>20</b>
<b>ACRE-FEET</b>			<b>-76</b>	<b>145,226</b>	<b>1,924</b>	<b>139,478</b>	<b>175</b>	<b>3,689</b>	<b>40</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	139,478	FOLSOM SOUTH CANAL	1,924	TOTAL
SPILL	175	HATCHERY	3,689	145,266

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

DECEMBER 1999

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: January 25, 2000

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	
		1,866.3								
1	1,039.95	1,866.5	+0.2	1,185	1,003			76	.22	
2	1,040.00	1,867.0	+0.5	743	458			17	.05	
3	1,040.07	1,867.8	+0.7	609	220			14	.04	
4	1,040.11	1,868.2	+0.4	914	692			7	.02	
5	1,040.18	1,868.9	+0.7	428	35			17	.05	
6	1,040.22	1,869.4	+0.4	378	143			21	.06	
7	1,040.35	1,870.7	+1.4	773	0			76	.22	
8	1,040.26	1,869.8	-1.0	884	1,356			10	.03	
9	1,040.28	1,870.0	+0.2	282	161			14	.04	
10	1,040.34	1,870.6	+0.6	830	502			7	.02	.22
11	1,040.40	1,871.3	+0.6	462	64			76	.22	
12	1,040.48	1,872.1	+0.9	457	18			10	.03	
13	1,040.41	1,871.4	-0.7	877	1,242			10	.03	.09
14	1,040.41	1,871.4	+0.0	486	410			76	.22	
15	1,040.51	1,872.4	+1.1	634	91			7	.02	
16	1,040.62	1,873.6	+1.2	685	82			14	.04	
17	1,040.66	1,874.0	+0.4	1,019	790			14	.04	
18	1,040.73	1,874.8	+0.7	426	41			10	.03	
19	1,040.87	1,876.3	+1.5	775	17			7	.02	
20	1,040.97	1,877.3	+1.1	559	13			10	.03	
21	1,041.04	1,878.1	+0.7	1,341	951			14	.04	
22	1,041.04	1,878.1	+0.0	17	0			17	.05	
23	1,041.08	1,878.5	+0.4	972	736			21	.06	
24	1,041.08	1,878.5	+0.0	651	627			24	.07	
25	1,041.09	1,878.6	+0.1	74	0			21	.06	
26	1,041.20	1,879.8	+1.2	616	0			24	.07	
27	1,041.26	1,880.4	+0.6	1,012	668			21	.06	
28	1,041.18	1,879.6	-0.9	19	418			31	.09	
29	1,041.24	1,880.2	+0.6	376	22			31	.09	
30	1,041.31	1,881.0	+0.7	787	389			21	.06	
31	1,041.33	1,881.2	+0.2	132	1			24	.07	
<b>TOTALS</b>			<b>+14.5</b>	<b>19,403</b>	<b>11,150</b>	<b>0</b>	<b>0</b>	<b>742</b>	<b>2.15</b>	<b>.31</b>
<b>ACRE-FEET</b>			<b>+14,500</b>	<b>38,486</b>	<b>22,116</b>	<b>0</b>	<b>0</b>	<b>1,472</b>		

COMMENTS:

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

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	22,116	OUTLET	0	THIS MONTH =	.31
SPILL	0	TOTAL	22,116	JULY 1, 1999 TO DATE =	3.70

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

DECEMBER 1999

FULL NATURAL FLOW AT NEW MELONES DAM

RUN DATE: January 25, 2000

DAY	STORAGE - A.F.		RESERVOIR	CHANGE		NEW	NATURAL	ACCUM *	
	DONNELLS	BEARDSLEY	TOTAL	A.F.	C.F.S.	MELONES	RIVER	FULL	
	RES	RES				INFLOW	C.F.S	NATURAL	
						C.F.S		1000 A.F.	
1	9,553	46,206	55,759	-657	-331	1,185	854	56.9	
2	9,682	45,436	55,118	-641	-323	743	419	57.7	
3	9,788	44,660	54,448	-670	-338	609	271	58.2	
4	9,906	43,872	53,778	-670	-338	914	576	59.4	
5	10,020	43,095	53,115	-663	-334	428	93	59.6	
6	10,129	42,321	52,450	-665	-335	378	42	59.7	
7	10,252	41,548	51,800	-650	-328	773	445	60.5	
8	10,330	41,015	51,345	-455	-229	884	655	61.8	
9	10,436	40,543	50,979	-366	-185	282	98	62.0	
10	10,540	39,118	49,658	-1,321	-666	830	164	62.4	
11	10,642	38,175	48,817	-841	-424	462	38	62.4	
12	10,753	37,250	48,003	-814	-410	457	47	62.5	
13	10,660	36,558	47,218	-785	-396	877	482	63.5	
14	10,460	35,901	46,361	-857	-432	486	54	63.6	
15	10,341	35,172	45,513	-848	-428	634	206	64.0	
16	10,306	34,359	44,665	-848	-428	685	257	64.5	
17	10,395	33,424	43,819	-846	-427	1,019	1,364	67.2	
18	10,496	32,491	42,987	-832	-419	426	-461	66.3	
19	10,486	31,673	42,159	-828	-417	775	948	68.2	
20	10,475	30,833	41,308	-851	-429	559	130	68.4	
21	10,330	30,437	40,767	-541	-273	1,341	1,068	70.5	
22	10,301	29,631	39,932	-835	-421	17	-404	69.7	
23	10,382	28,710	39,092	-840	-423	972	549	70.8	
24	10,470	27,770	38,240	-852	-430	651	221	71.3	
25	10,561	26,819	37,380	-860	-434	74	-360	70.6	
26	10,590	25,978	36,568	-812	-409	616	207	71.0	
27	10,660	25,023	35,683	-885	-446	1,012	566	72.1	
28	10,571	24,247	34,818	-865	-436	19	-417	71.3	
29	10,525	23,419	33,944	-874	-441	376	-87	71.1	
30	10,519	22,770	33,289	-655	-330	787	457	72.0	
31	10,454	22,379	32,833	-456	-230	132	-98	71.8	
<b>TOTALS</b>				<b>-23,583</b>			<b>8,384</b>		
* October 1, 1999 TO DATE								<b>16,630</b>	

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

DECEMBER 1999

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE ACRE-FEET RES. CHANGE		TULLOCH RELEASE	RELEASE - C.F.S.			
					RIVER OUTLET	SPILL	CANALS JOINT MAIN SOUTH MAIN	
1	360.10	543	+1	403		382		
2	360.10	544	+0	404		383		
3	360.08	543	-1	404		383		
4	360.08	543	+0	404		383		
5	360.10	544	+1	404		384		
6	360.10	544	+0	403		383		
7	360.08	543	-1	393		379		
8	360.08	543	+0	400		375		
9	360.10	544	+1	403		385		
10	360.08	543	-1	392		374		
11	360.08	543	+0	376		353		
12	360.08	543	+0	376		356		
13	360.08	543	+0	377		355		
14	360.08	543	+0	379		357		
15	360.08	543	+0	379		356		
16	360.08	543	+0	383		356		
17	360.08	543	+0	380		356		
18	360.08	543	+0	378		357		
19	360.08	543	+0	377		356		
20	360.08	543	+0	376		353		
21	360.08	543	+0	376		352		
22	360.08	543	+0	380		352	4	
23	360.05	541	-2	355		325	7	
24	360.05	541	+0	357		337	8	
25	360.05	541	+0	361		329	8	
26	360.05	541	+0	360		328	8	
27	360.05	541	+0	360		328	7	
28	360.05	541	+0	361		331	5	
29	360.08	543	+2	362		331	5	
30	360.08	543	+0	359		332	5	
31	360.08	543	+0	358		333	6	
<b>TOTALS</b>			<b>+0</b>	<b>11,780</b>	<b>0</b>	<b>11,044</b>	<b>63</b>	<b>0</b>
<b>ACRE-FEET</b>			<b>+0</b>	<b>23,366</b>	<b>0</b>	<b>21,906</b>	<b>125</b>	<b>0</b>

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

**SUMMARY**  
 RELEASE (ACRE-FEET)

JOINT MAIN CANAL	125	OUTLET	0
SOUTH MAIN CANAL	0	SPILL	21,906
		TOTAL	22,031

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

DECEMBER 1999

**TULLOCH RESERVOIR DAILY OPERATIONS**

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	NEW MELONES RELEASE	RELEASE - C.F.S.			EVAP C.F.S. (1)
		ACRE-FEET RES.	CHANGE			POWER	SPILL	OUTLET	
		54,449							
1	500.35	55,682	+1,233	1,032	1,003	403			8
2	500.49	55,834	+152	482	458	404			2
3	500.14	55,455	-379	214	220	404			1
4	500.70	56,062	+607	711	692	404			1
5	500.00	55,303	-759	23	35	404			2
6	499.56	54,834	-469	168	143	403			2
7	498.83	54,057	-776	9	0	393			8
8	500.64	55,997	+1,939	1,379	1,356	400			1
9	500.19	55,509	-488	158	161	403			1
10	500.40	55,737	+228	507	502	392			1
11	499.84	55,132	-604	79	64	376			8
12	499.14	54,385	-747	0	18	376			1
13	500.82	56,192	+1,806	1,289	1,242	377			1
14	500.86	56,235	+43	409	410	379			8
15	500.34	55,672	-563	96	91	379			1
16	499.82	55,111	-561	101	82	383			1
17	500.61	55,964	+853	811	790	380			1
18	500.00	55,303	-661	46	41	378			1
19	499.38	54,641	-662	44	17	377			1
20	498.96	54,194	-447	152	13	376			1
21	500.09	55,401	+1,207	986	951	376			1
22	499.50	54,770	-631	64	0	380			2
23	500.19	55,509	+739	730	736	355			2
24	500.76	56,127	+618	671	627	351	6		2
25	500.13	55,444	-683	19	0	361			2
26	499.55	54,823	-621	49	0	360			2
27	500.22	55,541	+718	724	668	360			2
28	500.52	55,867	+326	528	418	361			3
29	499.98	55,282	-585	70	22	231	131		3
30	500.18	55,498	+216	470	389	359			2
31	500.07	55,379	-119	300	1	358			2
<b>TOTALS</b>			<b>+930</b>	<b>12,321</b>	<b>11,150</b>	<b>11,643</b>	<b>0</b>	<b>137</b>	<b>74</b>
<b>ACRE-FEET</b>			<b>+930</b>	<b>24,439</b>	<b>22,116</b>	<b>23,094</b>	<b>0</b>	<b>272</b>	<b>147</b>

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

**SUMMARY  
RELEASE (ACRE-FEET)**

POWER	23,094	OUTLET	272
SPILL	0	TOTAL	23,366

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

**DECEMBER 1999 CONSOLIDATED STATE-FEDERAL SAN LUIS RESERVOIR DAILY OPERATIONS** RUN DATE: January 25, 2000

DAY	ELEV	STORAGE ACRE-FEET IN LAKE	CHANGE	SAN LUIS PUMPING C.F.S.	POWER	RELEASE - C.F.S. PACHECO TUNNEL	SPILL	GAIN(+) OR LOSS(-) C.F.S.	EVAPORATION C.F.S.	INCHES	PRECIP INCHES
		1,073,901									
1	460.86	1,081,904	+8,003	4,391	0	38	1	-318	37	.11	
2	462.04	1,094,047	+12,143	6,581	0	35		-425	43	.13	
3	463.22	1,106,234	+12,187	6,556	0	32		-380	50	.15	
4	463.96	1,113,899	+7,665	4,203	0	31		-308	50	.15	
5	465.80	1,133,032	+19,133	10,194	0	31		-517	34	.10	
6	466.37	1,138,981	+5,949	3,304	0	43	1	-261	34	.10	
7	467.43	1,150,070	+11,089	5,911	0	56		-264	31	.09	
8	468.57	1,162,035	+11,965	6,001	0	61		+92	55	.16	
9	469.60	1,172,879	+10,844	6,021	0	73		-481	34	.10	.01
10	469.95	1,176,572	+3,693	1,894	0	90		+58	24	.07	.04
11	469.93	1,176,361	-211		0	96		-10	34	.10	
12	469.88	1,175,833	-528		0	108	1	-157	24	.07	
13	469.83	1,175,305	-528		148	106		-12	31	.09	
14	469.31	1,169,823	-5,482		2,670	109		+15	65	.19	
15	468.31	1,159,303	-10,520		5,266	109		+72	37	.11	
16	467.68	1,152,691	-6,612		3,171	129		-34	34	.10	
17	467.12	1,146,824	-5,867		2,729	138		-91	27	.08	
18	466.53	1,140,653	-6,171		3,088	128	1	+106	27	.08	
19	466.28	1,138,041	-2,612		1,173	122		-22	44	.13	
20	465.89	1,133,971	-4,070		1,916	133		-3	30	.09	
21	465.62	1,131,156	-2,815		1,100	139		-180	37	.11	
22	465.45	1,129,385	-1,771		870	141		+118	27	.08	
23	465.40	1,128,864	-521		0	158		-104	40	.12	
24	465.37	1,128,552	-312		0	157	1	+1	37	.11	
25	466.12	1,136,371	+7,819	4,560	0	160		-458	47	.14	
26	467.07	1,146,300	+9,929	5,438	0	156		-276	17	.05	
27	467.42	1,149,965	+3,665	2,134	0	155		-132	27	.08	
28	467.96	1,155,628	+5,663	3,116	0	157		-103	58	.17	
29	468.92	1,165,716	+10,088	8,756	2,958	156	1	-555	41	.12	
30	469.91	1,176,150	+10,434	8,087	2,198	158		-471	34	.10	
31	470.95	1,187,142	+10,992	8,044	2,008	46		-448	51	.12	
<b>TOTALS</b>			<b>+113,241</b>	<b>95,191</b>	<b>29,295</b>	<b>3,251</b>	<b>6</b>	<b>-5,548</b>	<b>1,161</b>	<b>3.40</b>	<b>.05</b>
<b>ACRE-FEET</b>			<b>+113,241</b>	<b>188,811</b>	<b>58,107</b>	<b>6,448</b>	<b>12</b>	<b>-11,004</b>	<b>2,303</b>		

**SUMMARY**

	RELEASE (ACRE-FEET)			PRECIPITATION		
POWER	58,107	SPILL	12	THIS MONTH =	.05	
PACHECO TUNNEL	6,448	TOTAL	64,567	JULY 1, 1999 TO DATE =	.48	

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

DECEMBER 1999

CONSOLIDATED STATE-FEDERAL O'NEILL FOREBAY DAILY OPERATIONS

RUN DATE: January 20, 2000

DAY	ELEV	STORAGE		INFLOW - C.F.S.			RELEASE - C.F.S.			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		* DELIV.
		44,427									
1	222.20	48,916	+4,489	3,734		5,645		4,391	3,219	+494	
2	222.31	49,208	+292	3,789		5,893		6,581	3,327	+373	
3	221.60	47,336	-1,872	3,800		4,855		6,556	3,434	+391	
4	223.04	51,153	+3,817	3,715		4,896		4,203	2,861	+378	
5	219.40	41,605	-9,548	3,714		4,922		10,194	3,606	+351	
6	222.52	49,767	+8,162	3,699		6,757		3,304	3,550	+513	
7	222.77	50,433	+666	3,692		5,989		5,911	3,492	+57	
8	222.67	50,166	-267	3,682		5,675		6,001	3,732	+240	
9	222.58	49,926	-240	3,688		5,901		6,021	3,919	+230	
10	221.90	48,124	-1,802	1,944		2,990		1,894	4,269	+320	
11	221.60	47,336	-788	509		3,079			4,108	+123	
12	220.75	45,106	-2,230	485		2,730			4,384	+45	
13	219.46	41,759	-3,347	338	148	2,060	139		4,294	+199	
14	218.94	40,432	-1,327	488	2,670	535	241		4,117	-4	
15	220.33	44,009	+3,577	514	5,266	660	236		4,441	+40	
16	220.32	43,983	-26	512	3,171	868	231		4,427	+93	
17	220.30	43,931	-52	458	2,729	510	232		3,568	+78	
18	220.70	44,975	+1,044	422	3,088	470	231		3,327	+104	
19	219.33	41,426	-3,549	417	1,173	474	234		3,667	+47	
20	219.77	42,557	+1,131	485	1,916	715	236		2,319	+9	
21	220.76	45,132	+2,575	505	1,100	1,902	231		2,210	+233	
22	221.19	46,259	+1,127	508	870	2,594	228		3,390	+214	
23	221.92	48,176	+1,917	508		3,841	298		3,259	+175	
24	222.83	50,593	+2,417	2,008		2,768	135		3,442	+20	
25	222.06	48,544	-2,049	3,334		2,751		4,560	2,436	-122	
26	220.93	45,577	-2,967	3,369		3,457		5,438	2,875	-9	
27	221.92	48,176	+2,599	3,330		3,285		2,134	3,562	+391	
28	222.78	50,459	+2,283	3,356		4,119		3,116	3,362	+154	
29	222.27	49,102	-1,357	2,884	2,958	5,082		8,756	3,054	+201	
30	222.08	48,597	-505	3,163	2,198	5,622		8,087	3,538	+388	
31	222.88	50,726	+2,129	3,523	2,008	6,335		8,044	3,231	+542	
<b>TOTALS</b>			<b>+6,299.0</b>	<b>66,573</b>	<b>29,295</b>	<b>107,380</b>	<b>2,672</b>	<b>95,191</b>	<b>108,420</b>	<b>+6,268</b>	
<b>ACRE-FEET</b>			<b>+6,299.0</b>	<b>132,048</b>	<b>58,107</b>	<b>212,988</b>	<b>5,300</b>	<b>188,811</b>	<b>215,051</b>	<b>256</b>	<b>12,433</b>

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

SUMMARY

RELEASE (ACRE-FEET)

O'NEILL GEN.	5,300	DOS AMIGOS PUMP	215,051
SAN LUIS PUMP	188,811	DELIVERIES	256
		TOTAL	409,418

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

DECEMBER 1999

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: January 25, 2000

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			
		235.7									
1	506.95	236.7	+0.9	582	0	0		90	23	.23	
2	507.15	237.3	+0.6	416	0	0		90	11	.11	
3	507.62	238.8	+1.5	836	0	0		90	5	.05	
4	508.06	240.1	+1.4	774	0	0		78	2	.02	
5	508.47	241.4	+1.3	732	0	0		71	9	.09	
6	509.35	244.2	+2.8	1,485	0	0		72	10	.10	
7	509.93	246.1	+1.8	1,006	0	0		72	5	.05	
8	510.37	247.5	+1.4	787	0	0		72	7	.07	
9	510.91	249.2	+1.7	944	0	0		72	3	.03	
10	511.42	250.8	+1.6	909	0	0		72	10	.10	
11	511.89	252.3	+1.5	838	0	0		72	3	.03	
12	512.35	253.8	+1.5	826	0	0		72	3	.03	
13	512.73	255.1	+1.2	698	0	0		72	4	.04	
14	513.17	256.5	+1.4	802	0	0		72	8	.08	
15	513.61	257.9	+1.4	801	0	0		72	4	.04	
16	513.96	259.1	+1.1	650	0	0		72	1	.01	
17	514.39	260.5	+1.4	795	0	0		72	9	.08	
18	514.64	261.3	+0.8	489	0	0		72	2	.02	
19	514.97	262.4	+1.1	626	0	0		72	6	.06	
20	515.65	264.7	+2.3	1,216	0	0		72	6	.06	
21	515.99	265.8	+1.1	643	0	0		72	2	.02	
22	516.62	267.9	+2.1	1,165	0	0		93	9	.08	
23	516.94	269.0	+1.1	660	0	0		121	0	.00	
24	517.33	270.3	+1.3	792	0	0		121	9	.08	
25	517.48	270.8	+0.5	387	0	0		122	10	.09	
26	517.78	271.8	+1.0	637	0	0		122	5	.05	
27	518.18	273.2	+1.4	801	0	0		108	10	.09	
28	518.64	274.7	+1.6	896	0	0		89	19	.17	
29	518.95	275.8	+1.1	631	0	0		89	11	.10	
30	519.20	276.6	+0.9	530	0	0		89	10	.09	
31	519.46	277.5	+0.9	550	0	0		89	12	.11	
<b>TOTALS</b>			<b>+41.8</b>	<b>23,904</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,614</b>	<b>228</b>	<b>2.18</b>	<b>.00</b>
<b>ACRE-FEET</b>			<b>+41,771</b>	<b>47,414</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,185</b>	<b>452</b>		

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)				PRECIPITATION	
CANALS		RIVER		THIS MONTH =	
FRIANT-KERN	0	AT FRIANT	5,185		0.00
MADERA	0	TOTAL RELEASES	5,185	JULY 1, 1999 TO DATE =	1.15



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

**DECEMBER 1999**

**FULL NATURAL FLOW OF SAN JOAQUIN RIVER AT FRIANT DAM**

RUN DATE: January 25, 2000

DAY	STORAGE - A.F.								RESERVOIR TOTAL	CHANGE		MIL INFLOW C.F.S	NATURAL RIVER C.F.S	ACCUM * FULL NATURAL 1000 A.F.	
	T.A. EDISON LAKE	FLO- RENCE LAKE	HUNT- INGTON LAKE	SHAVER LAKE	MAM MOTH POOL	RED- INGER LAKE	CRANE VALLEY	KERCK HOFF		A.F.	C.F.S.				
1	60,273	1,083	41,152	103,483	20,469	23,394	22,603	3,956	276,413	-654	-330	582	252	24.5	
2	60,185	1,083	40,169	103,463	19,652	24,920	22,603	4,015	276,090	-323	-163	416	253	25.0	
3	60,141	1,083	39,282	103,248	19,199	25,342	22,603	3,876	274,774	-1,316	-663	836	172	25.3	
4	60,126	1,083	38,525	103,385	18,633	25,250	22,603	4,015	273,620	-1,154	-582	774	192	25.7	
5	60,111	1,083	37,815	103,365	18,273	25,492	22,636	3,754	272,529	-1,091	-550	732	182	26.0	
6	59,975	1,083	37,210	103,229	17,265	24,757	22,636	3,838	269,993	-2,536	-1,279	1,485	207	26.5	
7	59,361	1,083	37,196	103,033	16,705	24,726	22,603	3,724	268,431	-1,562	-787	1,006	219	26.9	
8	58,763	1,083	36,986	102,720	15,807	25,502	22,636	3,724	267,221	-1,210	-610	787	177	27.2	
9	58,224	1,083	36,919	102,384	15,221	25,570	22,603	3,694	265,698	-1,523	-768	944	177	27.6	
10	57,631	1,083	36,814	102,349	14,627	25,488	22,603	3,739	264,334	-1,364	-688	909	221	28.0	
11	57,054	1,083	36,747	102,096	14,344	25,001	22,636	3,968	262,929	-1,405	-708	838	130	28.3	
12	56,507	1,083	36,785	101,902	13,928	25,323	22,603	3,705	261,836	-1,093	-551	826	275	28.8	
13	56,008	1,083	36,919	101,766	13,309	25,511	22,636	3,784	261,016	-820	-413	698	284	29.4	
14	55,423	1,083	37,034	101,572	12,940	25,365	22,661	3,694	259,772	-1,244	-627	802	175	29.7	
15	54,884	1,083	37,254	102,740	12,849	25,323	22,661	3,416	260,210	+438	+221	801	1,022	31.8	
16	54,333	1,083	37,399	102,096	12,659	25,064	22,695	3,984	259,313	-897	-452	650	198	32.2	
17	53,797	1,083	37,350	101,708	12,513	25,282	22,720	3,812	258,265	-1,048	-528	795	758	33.7	
18	53,239	1,083	37,515	101,126	12,550	25,566	22,720	3,850	257,649	-616	-311	489	178	34.0	
19	52,667	1,083	37,680	100,603	12,570	25,328	22,720	3,953	256,604	-1,045	-527	626	99	34.2	
20	52,236	1,083	37,747	100,062	12,564	24,789	22,753	3,709	254,943	-1,661	-837	1,216	379	35.0	
21	52,002	1,083	37,602	99,407	12,452	25,110	23,308	3,605	254,569	-374	-189	643	454	35.9	
22	51,657	1,083	37,005	98,426	12,038	25,287	23,308	3,576	252,380	-2,189	-1,104	1,165	40	36.0	
23	51,422	1,083	36,709	97,487	12,292	25,365	23,358	3,576	251,292	-1,088	-549	660	111	36.2	
24	51,160	1,083	36,728	96,913	12,533	25,046	23,360	3,546	250,369	-923	-465	792	327	36.8	
25	50,886	1,083	36,547	96,244	12,760	25,465	23,383	3,546	249,914	-455	-229	387	158	37.1	
26	50,613	1,083	36,308	95,521	13,005	25,246	23,392	3,754	248,922	-992	-500	637	137	37.4	
27	50,340	1,083	36,176	94,701	13,231	24,933	23,400	3,620	247,484	-1,438	-725	801	76	37.6	
28	50,067	1,083	35,987	93,813	13,458	24,838	23,425	3,590	246,261	-1,223	-617	896	279	38.1	
29	49,972	1,083	35,591	93,228	13,449	24,897	23,434	3,584	245,238	-1,023	-516	631	115	38.3	
30	49,972	1,083	35,581	92,494	13,869	25,073	23,434	3,488	244,994	-244	-123	530	407	39.1	
31	49,958	1,083	35,582	91,711	13,998	24,802	23,451	3,860	244,445	-549	-277	550	273	39.7	
<b>TOTALS</b>											<b>-32,622</b>			<b>7,927</b>	
<b>* October 1, 1999 TO DATE</b>													<b>15,723</b>		

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

DECEMBER 1999

RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEVATION	STORAGE		RELEASE C.F.S		RELEASE TO SACTO RIVER
		IN LAKE	ACRE-FEET CHANGE	CORNING CANAL	TEHAMA COLUSA CANAL	
		412				
1	240.24	503	+91	0	0	12,346
2	239.90	458	-45	0	0	11,544
3	240.00	470	+12	0	0	11,769
4	239.83	450	-20	0	0	11,601
5	239.84	451	+1	0	0	11,645
6	239.83	450	-1	0	0	11,640
7	239.80	446	-4	0	0	11,526
8	239.83	450	+4	0	37	11,703
9	239.60	422	-28	0	75	11,162
10	239.52	412	-10	0	0	11,241
11	239.54	415	+2	0	0	11,101
12	239.50	410	-5	0	0	10,926
13	239.46	405	-5	0	0	10,894
14	239.57	418	+13	0	0	10,972
15	239.34	391	-27	0	0	10,026
16	239.14	367	-24	0	0	9,176
17	238.99	349	-18	0	0	8,964
18	238.95	345	-4	0	0	7,264
19	238.81	331	-14	0	0	6,932
20	238.40	289	-42	0	0	7,452
21	238.62	311	+22	0	27	7,861
22	238.60	309	-2	0	85	7,865
23	238.60	309	+0	0	105	7,211
24	238.58	307	-2	0	0	7,300
25	238.58	307	+0	0	0	7,300
26	238.58	307	+0	0	0	7,300
27	238.59	308	+1	0	0	7,300
28	238.57	306	-2	0	0	7,300
29	238.50	299	-7	0	0	7,200
30	238.45	294	-5	0	0	7,100
31	238.50	299	+5	0	0	7,100
<b>TOTALS</b>			<b>-114</b>	<b>0</b>	<b>329</b>	<b>290,721</b>
<b>ACRE-FEET</b>			<b>-114</b>	<b>0</b>	<b>653</b>	<b>576,645</b>

**SUMMARY**

RELEASE (ACRE-FEET)

CORNING CANAL	0
TEHAMA-COLUSA CANAL	653
TO SACTO RIVER	576,645
<b>TOTAL</b>	<b>577,298</b>

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

DECEMBER 1999

EAST PARK RESERVOIR DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.		EVAPORATION		PRECIP INCHES
		1000 ACRE- FEET IN LAKE	CHANGE		OUTLET	SPILL	C.F.S.	INCHES	
		41.33							
1	1,194.09	41.33	+0.00	10	10		0	.00	
2	1,194.11	41.37	+0.03	26	10		0	.00	
3	1,194.11	41.37	+0.00	10	10		0	.00	.10
4	1,194.10	41.35	-0.02	7	10		5	.10	
5	1,194.10	41.35	+0.00	15	10		5	.10	
6	1,194.10	41.35	+0.00	14	10		4	.07	
7	1,194.09	41.33	-0.02	5	10		3	.06	
8	1,194.10	41.35	+0.02	22	10		4	.08	.12
9	1,194.12	41.38	+0.03	32	10		5	.09	
10	1,194.13	41.40	+0.02	18	10		0	.00	
11	1,194.14	41.42	+0.02	18	10		0	.00	
12	1,194.16	41.45	+0.03	29	10		3	.06	
13	1,194.18	41.48	+0.03	27	10		0	.00	
14	1,194.18	41.48	+0.00	13	10		3	.05	
15	1,194.20	41.51	+0.03	31	10		5	.10	
16	1,194.21	41.53	+0.02	18	10		0	.00	
17	1,194.22	41.55	+0.02	22	10		3	.05	
18	1,194.24	41.58	+0.03	30	10		4	.08	
19	1,194.25	41.59	+0.02	21	10		3	.05	
20	1,194.25	41.59	+0.00	16	10		6	.12	
21	1,194.25	41.59	+0.00	16	10		6	.12	
22	1,194.27	41.63	+0.03	34	10		7	.14	
23	1,194.29	41.66	+0.03	34	10		8	.15	
24	1,194.30	41.68	+0.02	24	10		6	.12	
25	1,194.32	41.71	+0.03	33	10		6	.11	
26	1,194.34	41.74	+0.03	34	10		8	.15	
27	1,194.34	41.74	+0.00	15	10		5	.10	
28	1,194.36	41.77	+0.03	32	10		5	.10	
29	1,194.36	41.77	+0.00	15	10		5	.10	
30	1,194.38	41.81	+0.03	30	10		4	.08	
31	1,194.40	41.84	+0.03	30	10		4	.08	
<b>TOTALS</b>			<b>+49</b>	<b>681</b>	<b>310</b>	<b>0</b>	<b>117</b>	<b>2.26</b>	<b>.22</b>
<b>ACRE-FEET</b>			<b>+490</b>	<b>1,351</b>	<b>615</b>	<b>0</b>	<b>232</b>		

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.  
 DATA BASED ON 24 HOUR PERIOD ENDING 0800 AM.

SUMMARY

RELEASE (ACRE-FEET)				PRECIPITATION	
OUTLET	615			THIS MONTH =	.22
SPILL	0	TOTAL	615	JULY 1, 1999 TO DATE =	3.66

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

DECEMBER 1999

STONY GORGE RESERVOIR DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.		EVAPORATION		PRECIP INCHES	
		1000 ACRE-FEET IN LAKE	CHANGE		OUTLET	SPILL	C.F.S.	INCHES		
1	830.52	37.67	+0.11	73		15	2	.05	.16	
2	830.69	37.78	+0.19	111		15	1	.02	.02	
3	830.80	38.09	+0.12	77		15	0	.01		
4	830.92	38.22	+0.13	84		15	2	.06		
5	831.03	38.34	+0.12	78		15	1	.04		
6	831.11	38.43	+0.09	61		15	1	.02		
7	831.18	38.51	+0.08	55		15	0	.01		
8	831.20	38.54	+0.02	27		15	1	.02		
9	831.27	38.61	+0.08	55		15	1	.02	.14	
10	831.30	38.65	+0.03	34		15	2	.05	.02	
11	831.32	38.67	+0.02	28		15	2	.05		
12	831.34	38.69	+0.02	27		15	1	.02		
13	831.37	38.73	+0.03	33		15	1	.03	.01	
14	831.39	38.75	+0.02	28		15	2	.05		
15	831.43	38.80	+0.05	39		15	1	.04		
16	831.46	38.83	+0.03	33		15	1	.02		
17	831.50	38.87	+0.05	39		15	1	.03		
18	831.52	38.90	+0.02	27		15	1	.02		
19	831.54	38.92	+0.02	28		15	1	.02		
20	831.55	38.93	+0.01	26		15	5	.15		
21	831.56	38.94	+0.01	25		15	4	.12		
22	831.57	38.95	+0.01	25		15	4	.10		
23	831.59	38.98	+0.02	29		15	2	.05		
24	831.60	38.99	+0.01	22		15	1	.03		
25	831.62	39.01	+0.02	29		15	2	.05		
26	831.63	39.02	+0.01	22		15	1	.04		
27	831.64	39.03	+0.01	22		15	1	.04		
28	831.64	39.03	+0.00	16		15	1	.03		
29	831.66	39.05	+0.02	28		15	1	.03		
30	831.66	39.05	+0.00	16		15	1	.03		
31	831.68	39.08	+0.02	27		15	1	.02		
<b>TOTALS</b>			<b>+1.37</b>	<b>1,224</b>		<b>0</b>	<b>465</b>	<b>46</b>	<b>1.27</b>	<b>.35</b>
<b>ACRE-FEET</b>			<b>+1,370</b>	<b>2,428</b>		<b>0</b>	<b>922</b>	<b>91</b>		

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.  
 DATA BASED ON 24 HOUR PERIOD ENDING 0800 HOURS.

**SUMMARY**

RELEASE (ACRE-FEET)		PRECIPITATION	
OUTLET	0	THIS MONTH =	.35
SPILL	922 TOTAL	JULY 1, 1999 TO DATE =	3.70
	922		

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

DECEMBER 1999

JENKINSON LAKE DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION		PRECIP INCHES	CAMP CREEK C.F.S.
		ACRE-FEET IN LAKE	CHANGE		CAMINO CONDUIT	SLY PK CR	SPILL	C.F.S.	INCHES		
1	3,457.08	32,501	32,558	+57	39	9	1.0	0.4	.024	.67	9
2	3,457.09	32,564	32,564	+6	10	6	1.0	0.0	.000		6
3	3,457.09	32,564	32,564	+0	14	13	1.0	0.0	.000	.44	7
4	3,457.09	32,564	32,564	+0	14	13	1.0	0.0	.000		6
5	3,457.09	32,564	32,564	+0	13	12	1.0	0.3	.016		5
6	3,457.09	32,564	32,564	+0	12	11	1.0	0.2	.013		5
7	3,457.03	32,529	32,529	-34	-4	12	1.0	0.0	.000		5
8	3,457.03	32,529	32,529	+0	13	12	1.0	0.0	.000	.18	5
9	3,457.03	32,529	32,529	+0	11	10	1.0	0.0	.000		5
10	3,457.03	32,529	32,529	+0	13	12	1.0	0.0	.000	.28	5
11	3,457.03	32,529	32,529	+0	13	12	1.0	0.0	.000		5
12	3,457.03	32,529	32,529	+0	12	11	1.0	0.0	.000		5
13	3,457.03	32,529	32,529	+0	12	11	1.0	0.0	.000	.30	6
14	3,457.03	32,529	32,529	+0	13	12	1.0	0.0	.000		5
15	3,456.97	32,495	32,495	-34	-5	11	1.0	0.2	.012		5
16	3,456.97	32,495	32,495	+0	10	9	1.0	0.0	.000		5
17	3,456.97	32,495	32,495	+0	12	11	1.0	0.2	.011		5
18	3,456.95	32,484	32,484	-11	7	11	1.0	0.2	.012		5
19	3,456.93	32,472	32,472	-12	5	10	1.0	0.3	.016		4
20	3,456.91	32,461	32,461	-11	7	12	1.0	0.0	.000		5
21	3,456.90	32,455	32,455	-6	11	12	1.0	0.9	.050		5
22	3,456.90	32,455	32,455	+0	14	12	1.0	0.9	.047		4
23	3,456.84	32,421	32,421	-34	-5	11	1.0	0.4	.021		3
24	3,456.84	32,421	32,421	+0	14	13	1.0	0.3	.016		4
25	3,456.84	32,421	32,421	+0	14	13	1.0	0.4	.021		4
26	3,456.78	32,387	32,387	-34	-2	14	1.0	0.4	.023		4
27	3,456.78	32,387	32,387	+0	13	12	1.0	0.2	.012		3
28	3,456.75	32,370	32,370	-17	7	14	1.0	0.6	.030		4
29	3,456.71	32,348	32,348	-22	4	14	1.0	0.0	.000		5
30	3,456.71	32,348	32,348	+0	12	10	1.0	0.6	.035		4
31	3,456.67	32,325	32,325	-23	2	12	1.0	0.3	.018		4
<b>TOTALS</b>				<b>-175</b>	<b>305</b>	<b>357</b>	<b>31.0</b>	<b>6.8</b>	<b>.377</b>	<b>1.87</b>	<b>152</b>
<b>ACRE-FEET</b>				<b>-175</b>	<b>606</b>	<b>708</b>	<b>61.5</b>	<b>13.5</b>			<b>301</b>

COMMENTS:

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

DATA BASED ON 24 HOUR PERIOD ENDING 0800.

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION
CAMINO-CONDUIT	708.1	E.I.D. PROJECT	343.1	THIS MONTH = 1.87
SLY PARK CREEK	61.5	E.I.D. WATER RIGHTS	365.0	JULY 1, 1999 TO DATE = 9.35
SPILL	0.0			

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

DECEMBER 1999

LAKE BERRYESSA DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE ACRE-FEET		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.		EVAPORATION		PRECIP INCHES
		IN LAKE	CHANGE		OUTLET	SPILL	C.F.S.	INCHES	
1	427.46	1,367,596	+361	227	33		12	.02	.20
2	427.46	1,367,957	+0	45	33		12	.02	
3	427.43	1,367,415	-542	-205	33		36	.06	.08
4	427.42	1,367,235	-180	-16	33		42	.07	
5	427.42	1,367,235	+0	57	33		24	.04	
6	427.42	1,367,235	+0	77	71		6	.01	
7	427.41	1,367,054	-181	11	96		6	.01	
8	427.40	1,366,873	-181	-22	57		12	.02	
9	427.40	1,366,873	+0	106	64		42	.07	.15
10	427.40	1,366,873	+0	95	41		54	.09	.06
11	427.38	1,366,512	-361	-120	50		12	.02	
12	427.38	1,366,512	+0	56	50		6	.01	
13	427.38	1,366,512	+0	62	50		12	.02	
14	427.36	1,366,150	-362	-103	50		30	.05	
15	427.36	1,366,150	+0	62	50		12	.02	
16	427.35	1,365,969	-181	0	73		18	.03	
17	427.34	1,365,789	-180	11	90		12	.02	
18	427.33	1,365,608	-181	20	93		18	.03	.02
19	427.31	1,365,246	-362	-80	73		30	.05	
20	427.29	1,364,885	-361	-98	48		36	.06	
21	427.27	1,364,523	-362	-89	40		54	.09	
22	427.27	1,364,523	+0	168	61		107	.18	
23	427.25	1,364,162	-361	-44	90		48	.08	
24	427.23	1,363,800	-362	-57	90		36	.06	
25	427.22	1,363,620	-180	5	90		6	.01	
26	427.22	1,363,620	+0	108	90		18	.03	
27	427.21	1,363,439	-181	-8	71		12	.02	
28	427.20	1,363,258	-181	-13	60		18	.03	
29	427.18	1,362,897	-361	-98	66		18	.03	
30	427.18	1,362,897	+0	87	75		12	.02	
31	427.16	1,362,535	-362	-90	75		18	.03	
<b>TOTALS</b>			<b>-5,061</b>	<b>154</b>	<b>1,929</b>	<b>0</b>	<b>779</b>	<b>1.30</b>	<b>.51</b>
<b>ACRE-FEET</b>			<b>-5,061</b>	<b>305</b>	<b>3,826</b>	<b>0</b>	<b>1,545</b>		

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
OUTLET	3,826	THIS MONTH =	.51
SPILL	0	TOTAL	3,826
		JULY 1, 1999 TO DATE =	3.78

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

DECEMBER 1999

LAKE SOLANO DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.		EVAPORATION		PRECIP INCHES
		ACRE-FEET IN LAKE	CHANGE		PUTAH SOUTH	PUTAH CREEK	C.F.S.	INCHES	
1	130.46	639		30	10	25	0	.05	.08
2	130.57	629	-9	31	0	25	0	.02	
3	130.67	652	+11	31	0	25	0	.07	.05
4	130.36	619	-33	33	25	25	0	.09	
5	130.10	591	-28	33	22	25	0	.04	
6	129.97	578	-13	47	29	25	0	.01	
7	130.37	620	+42	109	63	25	0	.01	
8	130.26	608	-12	44	25	25	0	.03	
9	130.58	642	+34	78	36	25	0	.06	.07
10	130.22	603	-39	28	23	25	0	.03	.04
11	129.85	565	-38	46	40	25	0	.08	
12	130.24	605	+40	46	0	25	0	.07	
13	130.37	620	+15	42	9	25	0	.02	
14	130.30	612	-8	41	20	25	0	.08	
15	130.47	630	+18	47	13	25	0	.08	
16	130.03	584	-46	55	53	25	0	.02	
17	129.36	518	-66	62	70	25	0	.03	
18	129.66	547	+29	101	61	25	0	.02	
19	129.95	576	+29	70	29	25	1	.19	
20	130.06	587	+11	52	20	25	1	.28	
21	129.85	565	-22	39	24	25	1	.23	
22	129.72	553	-12	50	30	25	1	.22	
23	129.82	562	+9	79	49	25	0	.06	
24	129.87	567	+5	83	55	25	0	.05	
25	130.00	581	+14	83	51	25	0	.02	
26	130.15	596	+15	83	50	25	0	.06	
27	130.03	584	-12	69	50	25	0	.02	
28	129.53	534	-50	50	50	25	0	.08	
29	129.13	497	-37	56	50	25	0	.07	
30	129.09	493	-4	73	50	25	0	.06	
31	129.43	525	+32	76	35	25	0	.06	
<b>TOTALS</b>			<b>-113</b>	<b>1,767</b>	<b>1,042</b>	<b>775</b>	<b>4</b>	<b>2.21</b>	<b>.24</b>
<b>ACRE-FEET</b>			<b>-113</b>	<b>3,505</b>	<b>2,067</b>	<b>1,537</b>	<b>8</b>		

COMMENTS:

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

SUMMARY

RELEASE (ACRE-FEET)		PRECIPITATION	
PUTAH SOUTH CANAL	2,067	THIS MONTH =	.24
PUTAH CREEK	1,537	JULY 1, 1999 TO DATE =	2.71

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

DECEMBER 1999

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: January 25, 2000

DAY	ELEV	STORAGE		COMPUTED* INFLOW AF.	DWR INFLOW AF.	PRECIP ON RES. SURF. AF.	RELEASE - AF.			EVAPORATION		PRECIP INCHES			
		IN LAKE	CHANGE				TUN- NEL	DIRECT DIVERS.	SYR WCD	OUTLET	SEEPAGE		SPILL	AF.	INCHES
1	739.91	161,489													
1	739.88	161,409	-80	5.4	13	75.0			5.0	1.4	17.0	.115			
2	739.82	161,248	-161	-58.4		77.0			5.0	1.4	19.2	.130			
3	739.78	161,141	-107	-6.7		74.0			5.0	1.4	19.9	.135			
4	739.75	161,061	-80	18.7		75.0			5.0	1.4	17.3	.117			
5	739.71	160,953	-108	-14.2		75.0			5.0	1.4	12.4	.084			
6	739.68	160,873	-80	15.7		75.0	.9		5.0	1.4	13.4	.091			
7	739.62	160,712	-161	-34.9		106.0			5.0	1.4	13.7	.093			
8	739.56	160,552	-160	-33.5		98.0			5.0	1.4	22.1	.150			
9	739.51	160,418	-134	-31.8		88.0			5.0	1.4	7.8	.053			
10	739.46	160,284	-134	-51.5		69.0			5.0	1.4	7.1	.048			
11	739.43	160,204	-80	-1.2		64.0			5.0	1.4	8.4	.057			
12	739.40	160,123	-81	8.5		66.0			5.0	1.4	17.1	.116			
13	739.37	160,043	-80	33.3		90.0	.7		5.0	1.4	16.2	.110			
14	739.31	159,882	-161	-51.1		90.0			5.0	1.4	13.5	.092			
15	739.27	159,775	-107	-22.2		70.0			5.0	1.4	8.4	.057			
16	739.24	159,695	-80	6.2		70.0			5.0	1.4	9.8	.067			
17	739.20	159,588	-107	5.4		89.0			7.0	1.4	15.0	.102			
18	739.15	159,454	-134	-6.7		107.0			5.0	1.4	13.9	.095			
19	739.10	159,320	-134	-7.3		103.0			5.0	1.4	17.3	.118			
20	739.07	159,239	-81	31.3		92.0	1.7		5.0	1.4	12.2	.083			
21	739.04	159,159	-80	33.1		89.0			5.0	1.4	17.7	.121			
22	738.99	159,026	-133	-18.4		90.0			5.0	1.4	18.2	.124			
23	738.95	158,920	-106	-23.6	25	90.0			5.0	1.4	11.0	.075			
24	738.91	158,814	-106	-1.3	4	90.0			5.0	1.4	12.3	.084			
25	738.87	158,708	-106	5.3		91.0			5.0	1.4	13.9	.095			
26	738.83	158,602	-106	25.4		104.0			5.0	1.4	21.0	.144			
27	738.78	158,469	-133	-3.0		106.0	.7		6.0	1.4	15.9	.109			
28	738.74	158,364	-105	-15.4		69.0			5.0	1.4	14.2	.097			
29	738.73	158,337	-27	16.6	28	48.0			5.0	1.4	17.2	.118			
30	738.69	158,231	-106	6.0	3	94.0			5.0	1.4	14.6	.100			
31	738.64	158,099	-132	-15.0		100.0	.5		5.0	1.4	10.1	.069			
<b>TOTALS (AF)</b>		<b>4,950,703</b>	<b>-3,390</b>	<b>-185.3</b>	<b>73</b>	<b>.0</b>	<b>2,624.0</b>	<b>4.5</b>	<b>.0</b>	<b>158.0</b>	<b>43.4</b>	<b>.0</b>	<b>447.8</b>	<b>3.049</b>	<b>.00</b>
<b>(AVG)</b>		<b>159,700</b>													

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION MINUS PRECIP ON THE RESERVOIR SURFACE.  
DATA BASED ON 24-HOUR PERIOD ENDING 0800.  
INDICATED OUTLETS RELEASE INCLUDE ANY LEAKAGE AROUND GATES.

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
TUNNEL	2,624.0	SPILL	.0	S.Y.R.W.C.D.	.0
OUTLET	158.0	DIRECT DIVERSIONS	4.5	TOTAL	2,786.5
				THIS MONTH =	.00
				JULY 1, 1999 TO DATE =	1.72