

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

APRIL 2008

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 25, 2008

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3)	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM	COLS	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
1	2	3	4	5	6	7	8			
			176,436							
1	5,993	167,615	173,608	3.0976	356,392	1,103,961	196,039	179,316	16,723	4,535,000
2	6,136	164,927	171,063	3.0976	358,937	1,111,842	188,158	194,259		4,552,000
3	5,963	162,510	168,473	3.0976	361,527	1,119,866	180,134	209,202		4,552,000
4	6,224	160,049	166,273	3.0976	363,727	1,126,679	173,321	224,145		4,552,000
5	5,406	157,960	163,366	3.0976	366,634	1,135,686	164,314	239,088		4,552,000
6	5,849	155,197	161,046	3.0976	368,954	1,142,870	157,130	254,031		4,552,000
7	5,642	152,994	158,636	3.0976	371,364	1,150,337	149,663	268,974		4,552,000
8	5,460	150,704	156,164	3.0976	373,836	1,157,993	142,007	283,917		4,552,000
9	5,107	148,356	153,463	3.0976	376,537	1,166,361	133,639	298,860		4,552,000
10	5,633	145,790	151,423	3.0976	378,577	1,172,680	127,320	313,803		4,552,000
11	5,875	143,852	149,727	3.0976	380,273	1,177,934	122,066	328,746		4,552,000
12	6,016	142,240	148,256	3.0976	381,744	1,182,489	117,511	343,689		4,552,000
13	6,429	140,844	147,273	3.0976	382,727	1,185,536	114,464	358,632		4,552,000
14	6,192	139,909	146,101	3.0976	383,899	1,189,165	110,835	373,575		4,552,000
15	6,244	138,796	145,040	3.0976	384,960	1,192,452	107,548	388,518		4,552,000
16	5,978	137,788	143,766	3.0976	386,234	1,196,398	103,602	403,461		4,552,000
17	5,942	136,578	142,520	3.0976	387,480	1,200,259	99,741	418,404		4,552,000
18	6,017	135,394	141,411	3.0976	388,589	1,203,694	96,306	433,347		4,552,000
19	5,280	134,340	139,620	3.0976	390,380	1,209,241	90,759	448,290		4,552,000
20	6,434	132,639	139,073	3.0976	390,927	1,210,935	89,065	463,233		4,552,000
21	5,589	132,119	137,708	3.0976	392,292	1,215,162	84,838	478,176		4,552,000
22	6,926	130,823	137,749	3.0976	392,251	1,215,036	84,964	493,119		4,552,000
23	5,705	130,862	136,567	3.0976	393,433	1,218,699	81,301	508,062		4,552,000
24	5,166	129,738	134,904	3.0976	395,096	1,223,848	76,152	523,005		4,552,000
25	5,450	128,159	133,609	3.0976	396,391	1,227,861	72,139	537,948		4,552,000
26	5,276	126,929	132,205	3.0976	397,795	1,232,211	67,789	552,891		4,552,000
27	6,169	125,594	131,763	3.0976	398,237	1,233,578	66,422	567,834		4,552,000
28	6,561	125,175	131,736	3.0976	398,264	1,233,662	66,338	582,777		4,552,000
29	6,113	125,149	131,262	3.0976	398,738	1,235,130	64,870	597,720		4,552,000
30	5,013	124,699	129,712	3.0976	400,288	1,239,931	60,069	612,663		4,552,000

COMMENTS:

* LEAP YEAR CONSTANT = .0352

CONSTANT .0356 = 1,300,000 / (TOTAL DAYS X (530,000 - 110,000))

IF COL 3 IS GREATER THAN 530,000 OR LESS THAN 110,000 USE THOSE VALUES FOR COL 3 INSTEAD OF THE COMPUTED VALUE.