

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

FEBRUARY 2007

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: May 16, 2007

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		
			108,021							
1	4,636	102,620	107,256	1.4240	420,000	598,080	701,920			3,850,000
2	4,756	101,893	106,649	1.4596	420,000	613,032	686,968			3,865,000
3	4,854	101,316	106,170	1.4952	420,000	627,984	672,016			3,880,000
4	4,405	100,862	105,267	1.5308	420,000	642,936	657,064			3,895,000
5	4,466	100,004	104,470	1.5664	420,000	657,888	642,112			3,910,000
6	5,089	99,246	104,335	1.6020	420,000	672,840	627,160			3,925,000
7	6,497	99,118	105,615	1.6376	420,000	687,792	612,208			3,940,000
8	7,867	100,335	108,202	1.6732	420,000	702,744	597,256			3,955,000
9	9,927	102,791	112,718	1.7088	417,282	713,051	586,949			3,965,000
10	21,986	107,083	129,069	1.7444	400,931	699,385	600,615			3,951,000
11	26,383	122,615	148,998	1.7800	381,002	678,183	621,817			3,930,000
12	15,471	141,548	157,019	1.8156	372,981	677,184	622,816			3,929,000
13	11,434	149,168	160,602	1.8512	369,398	683,829	616,171			3,936,000
14	9,365	152,572	161,937	1.8868	368,063	694,461	605,539			3,946,000
15	8,850	153,840	162,690	1.9224	367,310	706,116	593,884			3,958,000
16	8,907	154,556	163,463	1.9580	366,537	717,680	582,320			3,970,000
17	8,643	155,290	163,933	1.9936	366,067	729,792	570,208			3,982,000
18	8,235	155,736	163,971	2.0292	366,029	742,746	557,254			3,995,000
19	6,825	155,772	162,597	2.0648	367,403	758,613	541,387			4,011,000
20	7,828	154,468	162,296	2.1004	367,704	772,326	527,674			4,024,000
21	13,818	154,181	167,999	2.1360	362,001	773,235	526,765			4,025,000
22	25,584	159,599	185,183	2.1716	344,817	748,805	551,195			4,001,000
23	16,145	175,924	192,069	2.2072	337,931	745,882	554,118			3,998,000
24	14,879	182,465	197,344	2.2428	332,656	746,080	553,920			3,998,000
25	18,738	187,477	206,215	2.2784	323,785	737,712	562,288			3,990,000
26	15,435	195,904	211,339	2.3140	318,661	737,381	562,619			3,989,000
27	14,741	200,772	215,513	2.3496	314,487	738,918	561,082			3,991,000
28	11,914	204,738	216,652	2.3852	313,348	747,398	552,602			3,999,000

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.