

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

**MAY 2007**

**SHASTA LAKE FLOOD CONTROL REQUIREMENTS**

RUN DATE: June 26, 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		
			125,271							
1	5,438	119,008	124,446	3.0972	405,554	1,256,082	43,918	627,606	4,552,000	
2	5,399	118,224	123,623	3.0972	406,377	1,258,632	41,368	642,549	4,552,000	
3	4,729	117,441	122,170	3.0972	407,830	1,263,130	36,870	657,492	4,552,000	
4	5,204	116,062	121,266	3.0972	408,734	1,265,931	34,069	672,435	4,552,000	
5	5,731	115,203	120,934	3.0972	409,066	1,266,960	33,040	687,378	4,552,000	
6	5,326	114,887	120,213	3.0972	409,787	1,269,192	30,808	702,321	4,552,000	
7	5,225	114,202	119,427	3.0972	410,573	1,271,626	28,374	717,264	4,552,000	
8	4,902	113,456	118,358	3.0972	411,642	1,274,938	25,062	732,207	4,552,000	
9	5,207	112,440	117,647	3.0972	412,353	1,277,140	22,860	747,150	4,552,000	
10	5,383	111,765	117,148	3.0972	412,852	1,278,686	21,314	762,093	4,552,000	
11	5,264	111,290	116,554	3.0972	413,446	1,280,524	19,476	777,036	4,552,000	
12	4,690	110,727	115,417	3.0972	414,583	1,284,048	15,952	791,979	4,552,000	
13	4,296	109,646	113,942	3.0972	416,058	1,288,616	11,384	806,922	4,552,000	
14	5,583	108,245	113,828	3.0972	416,172	1,288,969	11,031	821,865	4,552,000	
15	4,661	108,136	112,797	3.0972	417,203	1,292,160	7,840	836,808	4,552,000	
16	4,605	107,157	111,762	3.0972	418,238	1,295,365	4,635	851,751	4,552,000	
17	4,933	106,174	111,107	3.0972	418,893	1,297,394	2,606	866,694	4,552,000	
18	4,765	105,552	110,317	3.0972	419,683	1,299,842	158	881,637	4,552,000	
19	4,702	104,801	109,503	3.0972	420,000	1,300,000	0	896,580	4,552,000	
20	4,310	104,028	108,338	3.0972	420,000	1,300,000	0	911,523	4,552,000	
21	3,989	102,921	106,910	3.0972	420,000	1,300,000	0	926,466	4,552,000	
22	4,215	101,565	105,780	3.0972	420,000	1,300,000	0	941,409	4,552,000	
23	4,192	100,491	104,683	3.0972	420,000	1,300,000	0	956,352	4,552,000	
24	3,862	99,448	103,310	3.0972	420,000	1,300,000	0	971,295	4,552,000	
25	5,125	98,145	103,270	3.0972	420,000	1,300,000	0	986,238	4,552,000	
26	4,131	98,106	102,237	3.0972	420,000	1,300,000	0	1,001,181	4,552,000	
27	3,790	97,126	100,916	3.0972	420,000	1,300,000	0	1,016,124	4,552,000	
28	4,169	95,870	100,039	3.0972	420,000	1,300,000	0	1,031,067	4,552,000	
29	3,532	95,037	98,569	3.0972	420,000	1,300,000	0	1,046,010	4,552,000	
30	3,912	93,640	97,552	3.0972	420,000	1,300,000	0	1,060,953	4,552,000	
31	3,979	92,675	96,654	3.0972	420,000	1,300,000	0	1,075,896	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.