

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

NOVEMBER 2005

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 14, 2006

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		
			77,468							
1	4,250	73,595	77,845							3,870,000
2	3,544	73,953	77,497							3,849,000
3	5,768	73,622	79,390							3,827,000
4	4,551	75,420	79,971							3,806,000
5	3,852	75,973	79,825							3,785,000
6	6,259	75,834	82,093							3,763,000
7	14,086	77,988	92,074							3,742,000
8	8,075	87,470	95,545							3,721,000
9	5,044	90,768	95,812							3,700,000
10	5,462	91,021	96,483							3,678,000
11	5,306	91,659	96,965							3,657,000
12	5,048	92,117	97,165							3,636,000
13	4,075	92,307	96,382							3,614,000
14	3,818	91,563	95,381							3,593,000
15	4,192	90,612	94,804							3,572,000
16	3,651	90,063	93,714							3,550,000
17	5,397	89,029	94,426							3,529,000
18	3,852	89,704	93,556							3,508,000
19	3,980	88,879	92,859							3,486,000
20	4,728	88,216	92,944							3,465,000
21	4,207	88,296	92,503							3,444,000
22	3,763	87,878	91,641							3,422,000
23	4,016	87,059	91,075							3,401,000
24	3,722	86,521	90,243							3,380,000
25	4,167	85,731	89,898							3,359,000
26	3,344	85,403	88,747							3,337,000
27	3,720	84,310	88,030							3,316,000
28	6,037	83,629	89,666							3,295,000
29	5,796	85,182	90,978							3,273,000
30	5,675	86,429	92,104							3,252,000

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.