

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

OCTOBER 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 7, 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			
			100,000							
1	3,900	95,000	98,900							4,531,000
2	3,471	93,955	97,426							4,509,000
3	3,982	92,555	96,537							4,488,000
4	4,403	91,710	96,113							4,467,000
5	4,165	91,307	95,472							4,445,000
6	4,049	90,699	94,748							4,424,000
7	3,809	90,010	93,819							4,403,000
8	4,292	89,128	93,420							4,382,000
9	3,890	88,749	92,639							4,360,000
10	3,781	88,007	91,788							4,339,000
11	4,413	87,199	91,612							4,318,000
12	4,520	87,031	91,551							4,296,000
13	5,245	86,974	92,219							4,275,000
14	4,290	87,608	91,898							4,254,000
15	5,133	87,303	92,436							4,232,000
16	4,577	87,814	92,391							4,211,000
17	3,377	87,772	91,149							4,190,000
18	3,642	86,591	90,233							4,168,000
19	3,647	85,721	89,368							4,147,000
20	3,554	84,900	88,454							4,126,000
21	2,698	84,031	86,729							4,104,000
22	2,951	82,393	85,344							4,083,000
23	3,574	81,077	84,651							4,062,000
24	3,022	80,418	83,440							4,041,000
25	2,998	79,268	82,266							4,019,000
26	3,572	78,153	81,725							3,998,000
27	3,928	77,639	81,567							3,977,000
28	4,956	77,488	82,444							3,955,000
29	4,552	78,322	82,874							3,934,000
30	3,657	78,730	82,387							3,913,000
31	3,850	78,268	82,118							3,891,000

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