

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

JULY 2008

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 4, 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			
			84,458							
1	3,499	80,235	83,734							6,491,000
2	3,173	79,547	82,720							6,470,000
3	3,357	78,584	81,941							6,449,000
4	2,487	77,844	80,331							6,427,000
5	2,877	76,315	79,192							6,406,000
6	2,872	75,232	78,104							6,385,000
7	3,391	74,199	77,590							6,363,000
8	3,462	73,710	77,172							6,342,000
9	3,721	73,314	77,035							6,321,000
10	3,099	73,183	76,282							6,300,000
11	3,332	72,468	75,800							6,278,000
12	2,405	72,010	74,415							6,257,000
13	3,093	70,694	73,787							6,236,000
14	3,261	70,098	73,359							6,214,000
15	2,808	69,691	72,499							6,193,000
16	2,619	68,874	71,493							6,172,000
17	3,454	67,918	71,372							6,150,000
18	2,959	67,804	70,763							6,129,000
19	3,061	67,225	70,286							6,108,000
20	2,681	66,771	69,452							6,086,000
21	3,060	65,980	69,040							6,065,000
22	3,705	65,588	69,293							6,044,000
23	3,029	65,828	68,857							6,022,000
24	2,800	65,414	68,214							6,001,000
25	3,174	64,803	67,977							5,980,000
26	3,199	64,579	67,778							5,959,000
27	3,030	64,389	67,419							5,937,000
28	3,176	64,048	67,224							5,916,000
29	2,581	63,863	66,444							5,895,000
30	2,411	63,121	65,532							5,873,000
31	2,245	62,256	64,501							5,852,000

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.