

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

SEPTEMBER 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			
			76,809							
1	3,535	72,968	76,503							5,170,000
2	3,429	72,678	76,107							5,149,000
3	3,436	72,302	75,738							5,127,000
4	3,119	71,951	75,070							5,106,000
5	3,124	71,316	74,440							5,085,000
6	3,310	70,718	74,028							5,063,000
7	3,491	70,327	73,818							5,042,000
8	3,388	70,127	73,515							5,021,000
9	3,982	69,839	73,821							5,000,000
10	3,013	70,130	73,143							4,978,000
11	2,753	69,486	72,239							4,957,000
12	3,966	68,627	72,593							4,936,000
13	3,973	68,963	72,936							4,914,000
14	3,555	69,290	72,845							4,893,000
15	3,657	69,202	72,859							4,872,000
16	3,237	69,216	72,453							4,850,000
17	3,509	68,831	72,340							4,829,000
18	2,804	68,723	71,527							4,808,000
19	3,591	67,950	71,541							4,786,000
20	3,410	67,964	71,374							4,765,000
21	3,509	67,806	71,315							4,744,000
22	3,469	67,749	71,218							4,722,000
23	3,026	67,657	70,683							4,701,000
24	3,044	67,149	70,193							4,680,000
25	3,466	66,683	70,149							4,659,000
26	3,331	66,642	69,973							4,637,000
27	4,096	66,474	70,570							4,616,000
28	3,333	67,042	70,375							4,595,000
29	3,292	66,856	70,148							4,573,000
30	3,496	66,640	70,136							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.