

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

OCTOBER 2003

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 24, 2003

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3) X .95	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM (COL 3)	COLS 4 X 5	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER 3/20	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
1	2	3	4	5	6	7	8			
			100,000							
1	3,401	95,000	98,401							4,531,000
2	3,416	93,481	96,897							4,509,000
3	2,564	92,052	94,616							4,488,000
4	3,673	89,885	93,558							4,467,000
5	3,420	88,880	92,300							4,445,000
6	4,045	87,685	91,730							4,424,000
7	3,638	87,144	90,782							4,403,000
8	3,698	86,243	89,941							4,382,000
9	3,196	85,444	88,640							4,360,000
10	3,516	84,208	87,724							4,339,000
11	4,401	83,338	87,739							4,318,000
12	4,138	83,352	87,490							4,296,000
13	3,500	83,115	86,615							4,275,000
14	3,763	82,284	86,047							4,254,000
15	3,113	81,745	84,858							4,232,000
16	3,313	80,615	83,928							4,211,000
17	3,854	79,732	83,586							4,190,000
18	1,106	79,406	80,512							4,168,000
19	3,605	76,487	80,092							4,147,000
20	3,619	76,087	79,706							4,126,000
21	3,843	75,721	79,564							4,104,000
22	4,117	75,586	79,703							4,083,000
23	2,785	75,718	78,503							4,062,000
24	2,400	74,577	76,977							4,041,000
25	2,470	73,129	75,599							4,019,000
26	3,568	71,819	75,387							3,998,000
27	3,655	71,617	75,272							3,977,000
28	4,086	71,509	75,595							3,955,000
29	3,186	71,815	75,001							3,934,000
30	3,597	71,251	74,848							3,913,000
31	3,587	71,106	74,693							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.