

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

NOVEMBER 2003

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 23, 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			
			74,693							
1	2,361	70,958	73,319							3,870,000
2	4,959	69,653	74,612							3,849,000
3	3,634	70,881	74,515							3,827,000
4	3,404	70,790	74,194							3,806,000
5	2,987	70,484	73,471							3,785,000
6	3,070	69,797	72,867							3,763,000
7	4,471	69,224	73,695							3,742,000
8	7,099	70,010	77,109							3,721,000
9	8,041	73,254	81,295							3,700,000
10	4,835	77,230	82,065							3,678,000
11	4,252	77,962	82,214							3,657,000
12	4,056	78,103	82,159							3,636,000
13	3,626	78,051	81,677							3,614,000
14	5,188	77,593	82,781							3,593,000
15	7,089	78,642	85,731							3,572,000
16	5,228	81,445	86,673							3,550,000
17	4,686	82,339	87,025							3,529,000
18	4,136	82,674	86,810							3,508,000
19	5,343	82,469	87,812							3,486,000
20	3,952	83,422	87,374							3,465,000
21	4,020	83,005	87,025							3,444,000
22	3,667	82,674	86,341							3,422,000
23	3,109	82,024	85,133							3,401,000
24	3,704	80,876	84,580							3,380,000
25	3,868	80,351	84,219							3,359,000
26	4,091	80,008	84,099							3,337,000
27	4,691	79,894	84,585							3,316,000
28	3,694	80,356	84,050							3,295,000
29	5,003	79,847	84,850							3,273,000
30	4,438	80,608	85,046							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.