

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

OCTOBER 2004

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 16, 2004

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	1,947	95,000	96,947							4,531,000
2	2,529	92,100	94,629							4,509,000
3	3,168	89,897	93,065							4,488,000
4	3,395	88,412	91,807							4,467,000
5	2,472	87,217	89,689							4,445,000
6	3,402	85,204	88,606							4,424,000
7	3,413	84,176	87,589							4,403,000
8	4,607	83,209	87,816							4,382,000
9	2,746	83,426	86,172							4,360,000
10	3,922	81,863	85,785							4,339,000
11	2,701	81,496	84,197							4,318,000
12	2,951	79,987	82,938							4,296,000
13	3,374	78,791	82,165							4,275,000
14	2,622	78,057	80,679							4,254,000
15	3,024	76,645	79,669							4,232,000
16	2,818	75,685	78,503							4,211,000
17	3,794	74,578	78,372							4,190,000
18	4,326	74,454	78,780							4,168,000
19	10,678	74,841	85,519							4,147,000
20	6,655	81,243	87,898							4,126,000
21	4,325	83,503	87,828							4,104,000
22	4,182	83,436	87,618							4,083,000
23	6,134	83,238	89,372							4,062,000
24	2,400	84,903	87,303							4,041,000
25	4,493	82,938	87,431							4,019,000
26	6,671	83,059	89,730							3,998,000
27	4,754	85,244	89,998							3,977,000
28	4,020	85,498	89,518							3,955,000
29	3,634	85,042	88,676							3,934,000
30	3,629	84,242	87,871							3,913,000
31	4,064	83,478	87,542							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.