

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

OCTOBER 2001

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 5, 2001

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	3,114	95,000	98,114							4,531,000
2	2,189	93,208	95,397							4,509,000
3	3,069	90,627	93,696							4,488,000
4	2,350	89,012	91,362							4,467,000
5	3,715	86,794	90,509							4,445,000
6	2,858	85,983	88,841							4,424,000
7	2,851	84,399	87,250							4,403,000
8	3,110	82,888	85,998							4,382,000
9	3,043	81,698	84,741							4,360,000
10	3,530	80,504	84,034							4,339,000
11	3,120	79,832	82,952							4,318,000
12	3,412	78,804	82,216							4,296,000
13	3,573	78,106	81,679							4,275,000
14	2,731	77,595	80,326							4,254,000
15	3,729	76,309	80,038							4,232,000
16	3,091	76,036	79,127							4,211,000
17	3,531	75,171	78,702							4,190,000
18	3,614	74,767	78,381							4,168,000
19	3,091	74,462	77,553							4,147,000
20	2,967	73,675	76,642							4,126,000
21	2,653	72,810	75,463							4,104,000
22	3,402	71,690	75,092							4,083,000
23	3,586	71,337	74,923							4,062,000
24	3,306	71,177	74,483							4,041,000
25	3,523	70,759	74,282							4,019,000
26	3,595	70,568	74,163							3,998,000
27	2,642	70,455	73,097							3,977,000
28	2,406	69,442	71,848							3,955,000
29	4,548	68,256	72,804							3,934,000
30	5,880	69,163	75,043							3,913,000
31	4,260	71,291	75,551							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.