

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

NOVEMBER 2004

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 2, 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		
			87,542							
1	4,161	83,165	87,326							3,870,000
2	6,453	82,959	89,412							3,849,000
3	2,512	84,942	87,454							3,827,000
4	3,296	83,081	86,377							3,806,000
5	3,981	82,058	86,039							3,785,000
6	4,164	81,737	85,901							3,763,000
7	3,485	81,606	85,091							3,742,000
8	2,103	80,837	82,940							3,721,000
9	2,484	78,793	81,277							3,700,000
10	3,290	77,213	80,503							3,678,000
11	4,035	76,478	80,513							3,657,000
12	3,845	76,487	80,332							3,636,000
13	4,046	76,315	80,361							3,614,000
14	4,185	76,343	80,528							3,593,000
15	4,411	76,502	80,913							3,572,000
16	3,980	76,867	80,847							3,550,000
17	3,286	76,805	80,091							3,529,000
18	2,969	76,086	79,055							3,508,000
19	2,987	75,103	78,090							3,486,000
20	2,803	74,185	76,988							3,465,000
21	2,983	73,139	76,122							3,444,000
22	2,753	72,316	75,069							3,422,000
23	3,129	71,315	74,444							3,401,000
24	3,087	70,722	73,809							3,380,000
25	3,238	70,119	73,357							3,359,000
26	3,717	69,689	73,406							3,337,000
27	4,465	69,735	74,200							3,316,000
28	3,702	70,490	74,192							3,295,000
29	3,314	70,483	73,797							3,273,000
30	3,430	70,107	73,537							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.