

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

NOVEMBER 2001

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 20, 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		
			75,551							
1	3,881	71,774	75,655							3,870,000
2	3,739	71,872	75,611							3,849,000
3	3,594	71,830	75,424							3,827,000
4	3,719	71,653	75,372							3,806,000
5	3,935	71,604	75,539							3,785,000
6	4,385	71,762	76,147							3,763,000
7	3,952	72,339	76,291							3,742,000
8	3,663	72,477	76,140							3,721,000
9	3,266	72,333	75,599							3,700,000
10	2,755	71,819	74,574							3,678,000
11	4,506	70,845	75,351							3,657,000
12	10,249	71,584	81,833							3,636,000
13	8,414	77,741	86,155							3,614,000
14	6,117	81,847	87,964							3,593,000
15	5,235	83,566	88,801							3,572,000
16	5,628	84,361	89,989							3,550,000
17	4,994	85,489	90,483							3,529,000
18	4,435	85,959	90,394							3,508,000
19	4,750	85,875	90,625							3,486,000
20	5,005	86,093	91,098							3,465,000
21	12,727	86,543	99,270							3,444,000
22	14,638	94,307	108,945							3,422,000
23	8,373	103,498	111,871							3,401,000
24	10,486	106,277	116,763							3,380,000
25	7,627	110,925	118,552							3,359,000
26	6,486	112,624	119,110							3,337,000
27	5,994	113,155	119,149							3,316,000
28	8,432	113,191	121,623							3,295,000
29	9,538	115,542	125,080							3,273,000
30	9,207	118,826	128,033							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.