

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

DECEMBER 1999

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 25, 2000

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		
			112,526							
1	7,230	106,899	114,129							3,252,000
2	7,460	108,423	115,883							3,252,000
3	6,312	110,089	116,401							3,252,000
4	5,714	110,581	116,295							3,252,000
5	6,411	110,480	116,891							3,252,000
6	6,313	111,046	117,359							3,252,000
7	6,177	111,491	117,668							3,252,000
8	6,028	111,785	117,813							3,252,000
9	6,312	111,922	118,234							3,252,000
10	4,863	112,323	117,186							3,252,000
11	5,359	111,326	116,685							3,252,000
12	5,119	110,851	115,970							3,252,000
13	5,877	110,172	116,049							3,252,000
14	5,747	110,246	115,993							3,252,000
15	5,781	110,193	115,974							3,252,000
16	5,319	110,176	115,495							3,252,000
17	5,790	109,720	115,510							3,252,000
18	5,052	109,735	114,787							3,252,000
19	4,201	109,047	113,248							3,252,000
20	4,717	107,586	112,303							3,252,000
21	4,823	106,688	111,511							3,252,000
22	4,597	105,935	110,532							3,252,000
23	4,281	105,006	109,287							3,252,000
24	4,625	103,822	108,447	0.0352	420,000	14,784	1,285,216			3,267,000
25	4,236	103,025	107,261	0.0704	420,000	29,568	1,270,432			3,282,000
26	5,011	101,898	106,909	0.1056	420,000	44,352	1,255,648			3,296,000
27	4,695	101,563	106,258	0.1408	420,000	59,136	1,240,864			3,311,000
28	5,328	100,945	106,273	0.1760	420,000	73,920	1,226,080			3,326,000
29	4,422	100,960	105,382	0.2112	420,000	88,704	1,211,296			3,341,000
30	3,822	100,113	103,935	0.2464	420,000	103,488	1,196,512			3,355,000
31	3,830	98,738	102,568	0.2816	420,000	118,272	1,181,728			3,370,000

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 VAL