

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

DECEMBER 2002

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 15, 2003

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			
			72,189							
1	3,638	68,580	72,218							3,252,000
2	3,418	68,607	72,025							3,252,000
3	3,215	68,424	71,639							3,252,000
4	3,809	68,057	71,866							3,252,000
5	3,537	68,273	71,810							3,252,000
6	4,081	68,219	72,300							3,252,000
7	3,515	68,685	72,200							3,252,000
8	3,680	68,590	72,270							3,252,000
9	3,812	68,657	72,469							3,252,000
10	3,945	68,845	72,790							3,252,000
11	3,465	69,151	72,616							3,252,000
12	4,094	68,985	73,079							3,252,000
13	11,947	69,425	81,372							3,252,000
14	33,491	77,303	110,794							3,252,000
15	28,909	105,255	134,164							3,252,000
16	48,296	127,455	175,751							3,252,000
17	18,973	166,964	185,937							3,252,000
18	12,879	176,640	189,519							3,252,000
19	11,392	180,043	191,435							3,252,000
20	23,230	181,863	205,093							3,252,000
21	20,901	194,839	215,740							3,252,000
22	12,590	204,953	217,543							3,252,000
23	11,029	206,666	217,695							3,252,000
24	8,582	206,810	215,392	0.0356	314,608	11,200	1,288,800			3,263,000
25	7,225	204,622	211,847	0.0712	318,153	22,652	1,277,348			3,275,000
26	9,225	201,255	210,480	0.1068	319,520	34,125	1,265,875			3,286,000
27	37,827	199,956	237,783	0.1424	292,217	41,612	1,258,388			3,294,000
28	83,267	225,894	309,161	0.1780	220,839	39,309	1,260,691			3,291,000
29	48,236	293,703	341,939	0.2136	188,061	40,170	1,259,830			3,292,000
30	38,347	324,842	363,189	0.2492	166,811	41,569	1,258,431			3,294,000
31	47,236	345,029	392,265	0.2848	137,735	39,227	1,260,773			3,291,000

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.