

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

DECEMBER 2001

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 24, 2002

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		
			128,033							
1	25,317	121,632	146,949							3,252,000
2	30,618	139,601	170,219							3,252,000
3	21,236	161,708	182,944							3,252,000
4	12,568	173,797	186,365							3,252,000
5	15,928	177,047	192,975							3,252,000
6	16,353	183,326	199,679							3,252,000
7	12,301	189,695	201,996							3,252,000
8	10,611	191,896	202,507							3,252,000
9	8,705	192,382	201,087							3,252,000
10	8,819	191,033	199,852							3,252,000
11	8,003	189,859	197,862							3,252,000
12	7,281	187,969	195,250							3,252,000
13	9,263	185,487	194,750							3,252,000
14	9,736	185,013	194,749							3,252,000
15	7,661	185,011	192,672							3,252,000
16	8,088	183,039	191,127							3,252,000
17	8,260	181,570	189,830							3,252,000
18	10,342	180,339	190,681							3,252,000
19	15,354	181,147	196,501							3,252,000
20	18,520	186,676	205,196							3,252,000
21	14,158	194,936	209,094							3,252,000
22	18,767	198,639	217,406							3,252,000
23	18,691	206,536	225,227							3,252,000
24	13,391	213,966	227,357	0.0356	302,643	10,774	1,289,226			3,263,000
25	11,242	215,989	227,231	0.0712	302,769	21,557	1,278,443			3,274,000
26	9,837	215,869	225,706	0.1068	304,294	32,499	1,267,501			3,284,000
27	10,620	214,421	225,041	0.1424	304,959	43,426	1,256,574			3,295,000
28	12,828	213,789	226,617	0.1780	303,383	54,002	1,245,998			3,306,000
29	14,553	215,286	229,839	0.2136	300,161	64,114	1,235,886			3,316,000
30	16,765	218,347	235,112	0.2492	294,888	73,486	1,226,514			3,325,000
31	19,682	223,357	243,039	0.2848	286,961	81,727	1,218,273			3,334,000

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.