

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

DECEMBER 2003

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 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		
			85,046							
1	6,164	80,794	86,958							3,252,000
2	5,887	82,610	88,497							3,252,000
3	5,296	84,072	89,368							3,252,000
4	5,339	84,899	90,238							3,252,000
5	7,959	85,727	93,686							3,252,000
6	26,566	89,001	115,567							3,252,000
7	13,055	109,789	122,844							3,252,000
8	8,203	116,702	124,905							3,252,000
9	8,556	118,659	127,215							3,252,000
10	8,938	120,855	129,793							3,252,000
11	8,402	123,303	131,705							3,252,000
12	9,873	125,120	134,993							3,252,000
13	14,366	128,243	142,609							3,252,000
14	25,926	135,479	161,405							3,252,000
15	12,409	153,334	165,743							3,252,000
16	10,287	157,456	167,743							3,252,000
17	8,924	159,356	168,280							3,252,000
18	7,272	159,866	167,138							3,252,000
19	8,748	158,781	167,529							3,252,000
20	8,326	159,153	167,479							3,252,000
21	7,339	159,105	166,444							3,252,000
22	6,664	158,122	164,786							3,252,000
23	9,632	156,546	166,178							3,252,000
24	30,571	157,869	188,440	0.0352	341,560	12,023	1,287,977			3,264,000
25	18,271	179,018	197,289	0.0704	332,711	23,423	1,276,577			3,275,000
26	12,791	187,425	200,216	0.1056	329,784	34,825	1,265,175			3,287,000
27	10,397	190,205	200,602	0.1408	329,398	46,379	1,253,621			3,298,000
28	11,615	190,572	202,187	0.1760	327,813	57,695	1,242,305			3,310,000
29	13,112	192,078	205,190	0.2112	324,810	68,600	1,231,400			3,321,000
30	9,608	194,930	204,538	0.2464	325,462	80,194	1,219,806			3,332,000
31	10,587	194,311	204,898	0.2816	325,102	91,549	1,208,451			3,344,000

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.