

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

JUNE 2004

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 1, 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		
			129,729							
1	7,806	123,243	131,049	3.0976	398,951	1,235,791	64,209	1,090,839		4,552,000
2	8,496	124,496	132,992	3.0976	397,008	1,229,771	70,229	1,105,782		4,552,000
3	2,392	126,343	128,735	3.0976	401,265	1,242,959	57,041	1,120,725		4,552,000
4	4,690	122,298	126,988	3.0976	403,012	1,248,370	51,630	1,135,668		4,552,000
5	3,367	120,639	124,006	3.0976	405,994	1,257,608	42,392	1,150,611		4,552,000
6	4,821	117,805	122,626	3.0976	407,374	1,261,881	38,119	1,165,554		4,552,000
7	4,587	116,495	121,082	3.0976	408,918	1,266,664	33,336	1,180,497		4,552,000
8	4,604	115,028	119,632	3.0976	410,368	1,271,156	28,844	1,195,440		4,552,000
9	5,677	113,650	119,327	3.0976	410,673	1,272,100	27,900	1,210,383		4,552,000
10	5,055	113,361	118,416	3.0976	411,584	1,274,923	25,077	1,225,326		4,552,000
11	4,675	112,495	117,170	3.0976	412,830	1,278,782	21,218	1,240,269		4,552,000
12	3,602	111,312	114,914	3.0976	415,086	1,285,771	14,229	1,255,212		4,552,000
13	3,914	109,168	113,082	3.0976	416,918	1,291,445	8,555	1,270,155		4,552,000
14	4,182	107,428	111,610	3.0976	418,390	1,296,005	3,995	1,285,098		4,552,000
15	4,455	106,029	110,484	3.0976	419,516	1,299,492	508	1,300,041		4,552,000

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.