

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

DECEMBER 2012

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 27, 2013

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			
			149,676							
1	43,296	142,192	185,488							3,252,000
2	74,894	176,214	251,108							3,252,000
3	29,776	238,552	268,328							3,252,000
4	21,292	254,912	276,204							3,252,000
5	21,341	262,394	283,735							3,252,000
6	17,774	269,548	287,322							3,252,000
7	15,581	272,956	288,537							3,252,000
8	13,379	274,110	287,489							3,252,000
9	11,630	273,115	284,745							3,252,000
10	9,721	270,507	280,228							3,252,000
11	7,855	266,217	274,072							3,252,000
12	7,504	260,368	267,872							3,252,000
13	7,856	254,479	262,335							3,252,000
14	5,731	249,218	254,949							3,252,000
15	5,801	242,202	248,003							3,252,000
16	5,586	235,602	241,188							3,252,000
17	8,235	229,129	237,364							3,252,000
18	7,599	225,496	233,095							3,252,000
19	7,187	221,440	228,627							3,252,000
20	7,977	217,196	225,173							3,252,000
21	11,917	213,914	225,831							3,252,000
22	15,425	214,539	229,964							3,252,000
23	27,624	218,466	246,090							3,252,000
24	19,016	233,786	252,802	0.0356	277,198	9,868	1,290,132			3,262,000
25	14,561	240,162	254,723	0.0712	275,277	19,600	1,280,400			3,272,000
26	13,061	241,987	255,048	0.1068	274,952	29,365	1,270,635			3,281,000
27	7,666	242,295	249,961	0.1424	280,039	39,878	1,260,122			3,292,000
28	7,472	237,463	244,935	0.1780	285,065	50,742	1,249,258			3,303,000
29	5,547	232,688	238,235	0.2136	291,765	62,321	1,237,679			3,314,000
30	6,301	226,324	232,625	0.2492	297,375	74,106	1,225,894			3,326,000
31	7,819	220,993	228,812	0.2848	301,188	85,778	1,214,222			3,338,000

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.