

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

FEBRUARY 2012

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 23, 2012

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			
			93,621							
1	4,393	88,940	93,333	1.4080	420,000	591,360	708,640			3,843,000
2	4,467	88,667	93,134	1.4432	420,000	606,144	693,856			3,858,000
3	4,389	88,477	92,866	1.4784	420,000	620,928	679,072			3,873,000
4	3,877	88,223	92,100	1.5136	420,000	635,712	664,288			3,888,000
5	4,036	87,495	91,531	1.5488	420,000	650,496	649,504			3,902,000
6	4,172	86,954	91,126	1.5840	420,000	665,280	634,720			3,917,000
7	3,998	86,570	90,568	1.6192	420,000	680,064	619,936			3,932,000
8	4,768	86,039	90,807	1.6544	420,000	694,848	605,152			3,947,000
9	4,639	86,267	90,906	1.6896	420,000	709,632	590,368			3,962,000
10	4,573	86,361	90,934	1.7248	420,000	724,416	575,584			3,976,000
11	5,173	86,387	91,560	1.7600	420,000	739,200	560,800			3,991,000
12	5,302	86,982	92,284	1.7952	420,000	753,984	546,016			4,006,000
13	5,447	87,670	93,117	1.8304	420,000	768,768	531,232			4,021,000
14	4,522	88,461	92,983	1.8656	420,000	783,552	516,448			4,036,000
15	4,465	88,334	92,799	1.9008	420,000	798,336	501,664			4,050,000
16	4,346	88,159	92,505	1.9360	420,000	813,120	486,880			4,065,000
17	4,335	87,880	92,215	1.9712	420,000	827,904	472,096			4,080,000
18	4,329	87,604	91,933	2.0064	420,000	842,688	457,312			4,095,000
19	4,175	87,336	91,511	2.0416	420,000	857,472	442,528			4,109,000
20	4,600	86,936	91,536	2.0768	420,000	872,256	427,744			4,124,000
21	3,905	86,959	90,864	2.1120	420,000	887,040	412,960			4,139,000
22	3,764	86,321	90,085	2.1472	420,000	901,824	398,176			4,154,000
23	4,015	85,581	89,596	2.1824	420,000	916,608	383,392			4,169,000
24	4,456	85,116	89,572	2.2176	420,000	931,392	368,608			4,183,000
25	3,741	85,093	88,834	2.2528	420,000	946,176	353,824			4,198,000
26	4,063	84,392	88,455	2.2880	420,000	960,960	339,040			4,213,000
27	4,289	84,033	88,322	2.3232	420,000	975,744	324,256			4,228,000
28	2,748	83,906	86,654	2.3584	420,000	990,528	309,472			4,243,000
29	6,959	82,321	89,280	2.3936	420,000	1,005,312	294,688			4,257,000

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.