

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

FEBRUARY 2013

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 14, 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			
			145,460							
1	6,767	138,187	144,954	1.4240	385,046	548,306	751,694			3,800,000
2	8,115	137,706	145,821	1.4596	384,179	560,748	739,252			3,813,000
3	7,175	138,530	145,705	1.4952	384,295	574,598	725,402			3,827,000
4	6,492	138,420	144,912	1.5308	385,088	589,493	710,507			3,841,000
5	5,844	137,666	143,510	1.5664	386,490	605,398	694,602			3,857,000
6	5,499	136,335	141,834	1.6020	388,166	621,843	678,157			3,874,000
7	7,288	134,742	142,030	1.6376	387,970	635,340	664,660			3,887,000
8	7,058	134,928	141,986	1.6732	388,014	649,224	650,776			3,901,000
9	6,882	134,887	141,769	1.7088	388,231	663,409	636,591			3,915,000
10	7,695	134,681	142,376	1.7444	387,624	676,172	623,828			3,928,000
11	7,588	135,257	142,845	1.7800	387,155	689,136	610,864			3,941,000
12	4,780	135,703	140,483	1.8156	389,517	707,208	592,792			3,959,000
13	6,286	133,458	139,744	1.8512	390,256	722,441	577,559			3,974,000
14	6,401	132,757	139,158	1.8868	390,842	737,440	562,560			3,989,000
15	5,077	132,200	137,277	1.9224	392,723	754,970	545,030			4,007,000
16	6,228	130,413	136,641	1.9580	393,359	770,196	529,804			4,022,000
17	4,821	129,809	134,630	1.9936	395,370	788,209	511,791			4,040,000
18	5,040	127,899	132,939	2.0292	397,061	805,717	494,283			4,058,000
19	6,550	126,292	132,842	2.0648	397,158	820,052	479,948			4,072,000
20	5,249	126,200	131,449	2.1004	398,551	837,117	462,883			4,089,000
21	5,903	124,876	130,779	2.1360	399,221	852,735	447,265			4,105,000
22	5,990	124,240	130,230	2.1716	399,770	868,140	431,860			4,120,000
23	5,970	123,719	129,689	2.2072	400,311	883,567	416,433			4,136,000
24	6,587	123,204	129,791	2.2428	400,209	897,588	402,412			4,150,000
25	5,101	123,302	128,403	2.2784	401,597	914,999	385,001			4,167,000
26	6,405	121,983	128,388	2.3140	401,612	929,331	370,669			4,181,000
27	5,700	121,968	127,668	2.3496	402,332	945,318	354,682			4,197,000
28	4,965	121,285	126,250	2.3852	403,750	963,025	336,975			4,215,000

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.