

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

SEPTEMBER 2013

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 22, 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			
			57,108							
1	2,026	54,253	56,279							5,170,000
2	2,827	53,465	56,292							5,149,000
3	3,072	53,477	56,549							5,127,000
4	1,758	53,722	55,480							5,106,000
5	2,526	52,706	55,232							5,085,000
6	2,151	52,470	54,621							5,063,000
7	1,990	51,890	53,880							5,042,000
8	2,080	51,186	53,266							5,021,000
9	2,575	50,603	53,178							5,000,000
10	3,412	50,519	53,931							4,978,000
11	2,790	51,234	54,024							4,957,000
12	2,890	51,323	54,213							4,936,000
13	3,051	51,502	54,553							4,914,000
14	2,928	51,826	54,754							4,893,000
15	3,207	52,016	55,223							4,872,000
16	2,004	52,462	54,466							4,850,000
17	2,632	51,743	54,375							4,829,000
18	2,778	51,656	54,434							4,808,000
19	3,046	51,712	54,758							4,786,000
20	2,869	52,020	54,889							4,765,000
21	3,714	52,145	55,859							4,744,000
22	3,189	53,066	56,255							4,722,000
23	3,215	53,442	56,657							4,701,000
24	2,935	53,824	56,759							4,680,000
25	3,062	53,921	56,983							4,659,000
26	3,611	54,134	57,745							4,637,000
27	3,157	54,858	58,015							4,616,000
28	2,957	55,114	58,071							4,595,000
29	3,750	55,168	58,918							4,573,000
30	3,902	55,972	59,874							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.