

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

JULY 2015

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 10, 2015

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		
			55,310							
1	2,981	52,544	55,525							6,491,000
2	2,600	52,749	55,349							6,470,000
3	2,115	52,581	54,696							6,449,000
4	2,281	51,962	54,243							6,427,000
5	1,819	51,531	53,350							6,406,000
6	1,712	50,682	52,394							6,385,000
7	1,629	49,774	51,403							6,363,000
8	2,081	48,833	50,914							6,342,000
9	2,129	48,368	50,497							6,321,000
10	2,062	47,973	50,035							6,300,000
11	2,245	47,533	49,778							6,278,000
12	2,744	47,289	50,033							6,257,000
13	2,513	47,531	50,044							6,236,000
14	2,544	47,542	50,086							6,214,000
15	2,733	47,582	50,315							6,193,000
16	2,616	47,799	50,415							6,172,000
17	2,794	47,894	50,688							6,150,000
18	3,253	48,154	51,407							6,129,000
19	2,843	48,837	51,680							6,108,000
20	2,762	49,096	51,858							6,086,000
21	2,131	49,265	51,396							6,065,000
22	1,690	48,826	50,516							6,044,000
23	2,219	47,990	50,209							6,022,000
24	2,030	47,699	49,729							6,001,000
25	1,637	47,242	48,879							5,980,000
26	1,929	46,435	48,364							5,959,000
27	1,935	45,946	47,881							5,937,000
28	3,647	45,487	49,134							5,916,000
29	3,676	46,677	50,353							5,895,000
30	3,267	47,836	51,103							5,873,000
31	3,382	48,548	51,930							5,852,000

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.