

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

MAY 2015

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 1, 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		
			79,315							
1	2,997	75,349	78,346	3.0972	420,000	1,300,000	0	627,606		4,552,000
2	2,917	74,429	77,346	3.0972	420,000	1,300,000	0	642,549		4,552,000
3	3,030	73,478	76,508	3.0972	420,000	1,300,000	0	657,492		4,552,000
4	3,616	72,683	76,299	3.0972	420,000	1,300,000	0	672,435		4,552,000
5	3,194	72,484	75,678	3.0972	420,000	1,300,000	0	687,378		4,552,000
6	2,921	71,894	74,815	3.0972	420,000	1,300,000	0	702,321		4,552,000
7	3,403	71,074	74,477	3.0972	420,000	1,300,000	0	717,264		4,552,000
8	3,300	70,753	74,053	3.0972	420,000	1,300,000	0	732,207		4,552,000
9	2,787	70,351	73,138	3.0972	420,000	1,300,000	0	747,150		4,552,000
10	2,935	69,481	72,416	3.0972	420,000	1,300,000	0	762,093		4,552,000
11	3,543	68,795	72,338	3.0972	420,000	1,300,000	0	777,036		4,552,000
12	3,441	68,721	72,162	3.0972	420,000	1,300,000	0	791,979		4,552,000
13	3,163	68,554	71,717	3.0972	420,000	1,300,000	0	806,922		4,552,000
14	2,982	68,131	71,113	3.0972	420,000	1,300,000	0	821,865		4,552,000
15	2,790	67,558	70,348	3.0972	420,000	1,300,000	0	836,808		4,552,000
16	3,346	66,830	70,176	3.0972	420,000	1,300,000	0	851,751		4,552,000
17	3,269	66,667	69,936	3.0972	420,000	1,300,000	0	866,694		4,552,000
18	2,919	66,440	69,359	3.0972	420,000	1,300,000	0	881,637		4,552,000
19	2,449	65,891	68,340	3.0972	420,000	1,300,000	0	896,580		4,552,000
20	3,912	64,923	68,835	3.0972	420,000	1,300,000	0	911,523		4,552,000
21	3,492	65,393	68,885	3.0972	420,000	1,300,000	0	926,466		4,552,000
22	3,475	65,441	68,916	3.0972	420,000	1,300,000	0	941,409		4,552,000
23	1,931	65,470	67,401	3.0972	420,000	1,300,000	0	956,352		4,552,000
24	2,042	64,031	66,073	3.0972	420,000	1,300,000	0	971,295		4,552,000
25	2,477	62,769	65,246	3.0972	420,000	1,300,000	0	986,238		4,552,000
26	3,146	61,984	65,130	3.0972	420,000	1,300,000	0	1,001,181		4,552,000
27	2,944	61,873	64,817	3.0972	420,000	1,300,000	0	1,016,124		4,552,000
28	2,872	61,577	64,449	3.0972	420,000	1,300,000	0	1,031,067		4,552,000
29	3,374	61,226	64,600	3.0972	420,000	1,300,000	0	1,046,010		4,552,000
30	2,284	61,370	63,654	3.0972	420,000	1,300,000	0	1,060,953		4,552,000
31	2,376	60,471	62,847	3.0972	420,000	1,300,000	0	1,075,896		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.