

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

JUNE 2015

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 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		
			62,960							
1	2,759	59,812	62,571	3.0972	420,000	1,300,000	0	1,090,839		4,552,000
2	3,023	59,443	62,466	3.0972	420,000	1,300,000	0	1,105,782		4,552,000
3	2,557	59,343	61,900	3.0972	420,000	1,300,000	0	1,120,725		4,552,000
4	4,042	58,805	62,847	3.0972	420,000	1,300,000	0	1,135,668		4,552,000
5	3,249	59,704	62,953	3.0972	420,000	1,300,000	0	1,150,611		4,552,000
6	3,466	59,806	63,272	3.0972	420,000	1,300,000	0	1,165,554		4,552,000
7	3,520	60,108	63,628	3.0972	420,000	1,300,000	0	1,180,497		4,552,000
8	4,087	60,447	64,534	3.0972	420,000	1,300,000	0	1,195,440		4,552,000
9	2,518	61,307	63,825	3.0972	420,000	1,300,000	0	1,210,383		4,552,000
10	2,116	60,634	62,750	3.0972	420,000	1,300,000	0	1,225,326		4,552,000
11	2,690	59,612	62,302	3.0972	420,000	1,300,000	0	1,240,269		4,552,000
12	2,432	59,187	61,619	3.0972	420,000	1,300,000	0	1,255,212		4,552,000
13	2,816	58,538	61,354	3.0972	420,000	1,300,000	0	1,270,155		4,552,000
14	2,835	58,286	61,121	3.0972	420,000	1,300,000	0	1,285,098		4,552,000
15	2,952	58,065	61,017	3.0972	420,000	1,300,000	0	1,300,041		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.