

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

JUNE 2016

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 19, 2016

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			
			120,530							
1	3,922	114,503	118,425	3.0976	411,575	1,274,894	25,106	1,090,839		4,552,000
2	4,125	112,504	116,629	3.0976	413,371	1,280,458	19,542	1,105,782		4,552,000
3	3,745	110,797	114,542	3.0976	415,458	1,286,921	13,079	1,120,725		4,552,000
4	3,481	108,815	112,296	3.0976	417,704	1,293,879	6,121	1,135,668		4,552,000
5	2,521	106,681	109,202	3.0976	420,000	1,300,000	0	1,150,611		4,552,000
6	4,371	103,742	108,113	3.0976	420,000	1,300,000	0	1,165,554		4,552,000
7	3,720	102,708	106,428	3.0976	420,000	1,300,000	0	1,180,497		4,552,000
8	3,782	101,106	104,888	3.0976	420,000	1,300,000	0	1,195,440		4,552,000
9	3,937	99,644	103,581	3.0976	420,000	1,300,000	0	1,210,383		4,552,000
10	5,029	98,402	103,431	3.0976	420,000	1,300,000	0	1,225,326		4,552,000
11	2,200	98,259	100,459	3.0976	420,000	1,300,000	0	1,240,269		4,552,000
12	2,072	95,436	97,508	3.0976	420,000	1,300,000	0	1,255,212		4,552,000
13	3,907	92,633	96,540	3.0976	420,000	1,300,000	0	1,270,155		4,552,000
14	3,504	91,713	95,217	3.0976	420,000	1,300,000	0	1,285,098		4,552,000
15	4,145	90,456	94,601	3.0976	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.