

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

JUNE 2018

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 19, 2018

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3)	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM	COLS	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
	1	2	3	4	5	6	7	8		
			107,614							
1	5,284	102,233	107,517	3.0972	420,000	1,300,000	0	1,090,839		4,552,000
2	6,756	102,141	108,897	3.0972	420,000	1,300,000	0	1,105,782		4,552,000
3	6,120	103,453	109,573	3.0972	420,000	1,300,000	0	1,120,725		4,552,000
4	5,512	104,094	109,606	3.0972	420,000	1,300,000	0	1,135,668		4,552,000
5	5,824	104,126	109,950	3.0972	420,000	1,300,000	0	1,150,611		4,552,000
6	4,533	104,452	108,985	3.0972	420,000	1,300,000	0	1,165,554		4,552,000
7	4,571	103,536	108,107	3.0972	420,000	1,300,000	0	1,180,497		4,552,000
8	4,339	102,702	107,041	3.0972	420,000	1,300,000	0	1,195,440		4,552,000
9	3,290	101,689	104,979	3.0972	420,000	1,300,000	0	1,210,383		4,552,000
10	3,216	99,730	102,946	3.0972	420,000	1,300,000	0	1,225,326		4,552,000
11	2,708	97,798	100,506	3.0972	420,000	1,300,000	0	1,240,269		4,552,000
12	3,298	95,481	98,779	3.0972	420,000	1,300,000	0	1,255,212		4,552,000
13	7,469	93,840	101,309	3.0972	420,000	1,300,000	0	1,270,155		4,552,000
14	3,989	96,244	100,233	3.0972	420,000	1,300,000	0	1,285,098		4,552,000
15	5,727	95,221	100,948	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