

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

MAY 2021

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: May 13, 2021

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 8	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
	1	2	3	4	5	6	7	8		
			79,890							
1	4,449	75,895	80,344	3.0972	420,000	1,300,000	0	627,606		4,552,000
2	5,115	76,327	81,442	3.0972	420,000	1,300,000	0	642,549		4,552,000
3	4,402	77,370	81,772	3.0972	420,000	1,300,000	0	657,492		4,552,000
4	2,553	77,683	80,236	3.0972	420,000	1,300,000	0	672,435		4,552,000
5	4,079	76,224	80,303	3.0972	420,000	1,300,000	0	687,378		4,552,000
6	3,074	76,288	79,362	3.0972	420,000	1,300,000	0	702,321		4,552,000
7	3,622	75,394	79,016	3.0972	420,000	1,300,000	0	717,264		4,552,000
8	4,334	75,065	79,399	3.0972	420,000	1,300,000	0	732,207		4,552,000
9	2,999	75,429	78,428	3.0972	420,000	1,300,000	0	747,150		4,552,000
10	4,978	74,507	79,485	3.0972	420,000	1,300,000	0	762,093		4,552,000
11	2,672	75,511	78,183	3.0972	420,000	1,300,000	0	777,036		4,552,000
12	4,162	74,274	78,436	3.0972	420,000	1,300,000	0	791,979		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.