

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

JUNE 2021

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 21, 2021

DAY	SHASTA INFLOW C. F. S. 1	PREV DAY F. C. PAR (COL 3) X .95 2	F. C. PARAM (COLS. 1 + 2) 3	.0356* X DAYS 12/23 THRU 3/20 4	530,000 MINUS F. C. PARAM (COL 3) 5	COLS 4 X 5 6	F. C. RESERV (1,300,000 - COL 6) 7	MINUS 14,943 PER DAY AFTER 3/20 8	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
			60,461							
1	4,433	57,438	61,871	3.0972	420,000	1,300,000	0	1,090,839		4,552,000
2	3,983	58,778	62,761	3.0972	420,000	1,300,000	0	1,105,782		4,552,000
3	2,223	59,623	61,846	3.0972	420,000	1,300,000	0	1,120,725		4,552,000
4	1,521	58,754	60,275	3.0972	420,000	1,300,000	0	1,135,668		4,552,000
5	2,011	57,261	59,272	3.0972	420,000	1,300,000	0	1,150,611		4,552,000
6	2,122	56,308	58,430	3.0972	420,000	1,300,000	0	1,165,554		4,552,000
7	1,948	55,509	57,457	3.0972	420,000	1,300,000	0	1,180,497		4,552,000
8	1,962	54,584	56,546	3.0972	420,000	1,300,000	0	1,195,440		4,552,000
9	2,491	53,719	56,210	3.0972	420,000	1,300,000	0	1,210,383		4,552,000
10	2,742	53,399	56,141	3.0972	420,000	1,300,000	0	1,225,326		4,552,000
11	2,377	53,334	55,711	3.0972	420,000	1,300,000	0	1,240,269		4,552,000
12	2,100	52,925	55,025	3.0972	420,000	1,300,000	0	1,255,212		4,552,000
13	1,920	52,274	54,194	3.0972	420,000	1,300,000	0	1,270,155		4,552,000
14	3,315	51,484	54,799	3.0972	420,000	1,300,000	0	1,285,098		4,552,000
15	2,352	52,060	54,412	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