

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

SEPTEMBER 2021

**SHASTA LAKE FLOOD CONTROL REQUIREMENTS**

RUN DATE: October 8, 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		
			48,630							
1	1,968	46,199	48,167							5,170,000
2	2,183	45,758	47,941							5,149,000
3	2,364	45,544	47,908							5,127,000
4	2,163	45,513	47,676							5,106,000
5	2,287	45,292	47,579							5,085,000
6	1,405	45,200	46,605							5,063,000
7	2,587	44,275	46,862							5,042,000
8	3,147	44,519	47,666							5,021,000
9	2,595	45,282	47,877							5,000,000
10	2,276	45,484	47,760							4,978,000
11	3,328	45,372	48,700							4,957,000
12	2,516	46,265	48,781							4,936,000
13	3,712	46,342	50,054							4,914,000
14	2,405	47,551	49,956							4,893,000
15	2,640	47,458	50,098							4,872,000
16	2,316	47,593	49,909							4,850,000
17	2,620	47,414	50,034							4,829,000
18	1,999	47,532	49,531							4,808,000
19	2,006	47,054	49,060							4,786,000
20	1,680	46,607	48,287							4,765,000
21	2,529	45,873	48,402							4,744,000
22	2,851	45,982	48,833							4,722,000
23	2,823	46,391	49,214							4,701,000
24	2,879	46,754	49,633							4,680,000
25	2,930	47,151	50,081							4,659,000
26	1,527	47,577	49,104							4,637,000
27	2,400	46,649	49,049							4,616,000
28	1,918	46,596	48,514							4,595,000
29	2,592	46,089	48,681							4,573,000
30	3,169	46,247	49,416							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.