

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

OCTOBER 2021

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 18, 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		
			100,000							
1	2,634	95,000	97,634							4,531,000
2	2,163	92,752	94,915							4,509,000
3	1,925	90,170	92,095							4,488,000
4	2,529	87,490	90,019							4,467,000
5	2,660	85,518	88,178							4,445,000
6	2,722	83,769	86,491							4,424,000
7	2,171	82,166	84,337							4,403,000
8	2,454	80,121	82,575							4,382,000
9	2,299	78,446	80,745							4,360,000
10	2,377	76,708	79,085							4,339,000
11	1,502	75,130	76,632							4,318,000
12	2,231	72,801	75,032							4,296,000
13	2,304	71,280	73,584							4,275,000
14	2,055	69,905	71,960							4,254,000
15	2,724	68,362	71,086							4,232,000
16	3,530	67,532	71,062							4,211,000
17	1,995	67,509	69,504							4,190,000
18	2,767	66,028	68,795							4,168,000
19	2,011	65,356	67,367							4,147,000
20	3,578	63,998	67,576							4,126,000
21	3,750	64,197	67,947							4,104,000
22	6,161	64,550	70,711							4,083,000
23	4,840	67,176	72,016							4,062,000
24	13,564	68,415	81,979							4,041,000
25	10,789	77,880	88,669							4,019,000
26	6,330	84,235	90,565							3,998,000
27	5,600	86,037	91,637							3,977,000
28	5,170	87,055	92,225							3,955,000
29	5,481	87,614	93,095							3,934,000
30	4,206	88,440	92,646							3,913,000
31	2,869	88,014	90,883							3,891,000

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.