

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

DECEMBER 2021

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 20, 2022

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
			89,528							
1	3,985	85,052	89,037							3,252,000
2	4,384	84,585	88,969							3,252,000
3	2,129	84,521	86,650							3,252,000
4	1,412	82,317	83,729							3,252,000
5	1,675	79,543	81,218							3,252,000
6	3,431	77,157	80,588							3,252,000
7	4,609	76,558	81,167							3,252,000
8	1,956	77,109	79,065							3,252,000
9	3,110	75,112	78,222							3,252,000
10	3,328	74,311	77,639							3,252,000
11	2,591	73,757	76,348							3,252,000
12	5,753	72,530	78,283							3,252,000
13	11,568	74,369	85,937							3,252,000
14	9,918	81,640	91,558							3,252,000
15	10,330	86,980	97,310							3,252,000
16	8,382	92,445	100,827							3,252,000
17	7,563	95,786	103,349							3,252,000
18	6,409	98,181	104,590							3,252,000
19	4,890	99,361	104,251							3,252,000
20	5,882	99,038	104,920							3,252,000
21	5,294	99,674	104,968							3,252,000
22	6,331	99,720	106,051							3,252,000
23	9,468	100,748	110,216							3,252,000
24	9,364	104,705	114,069	0.0356	415,931	14,807	1,285,193			3,267,000
25	11,761	108,366	120,127	0.0712	409,873	29,183	1,270,817			3,281,000
26	9,114	114,121	123,235	0.1068	406,765	43,443	1,256,557			3,295,000
27	9,584	117,073	126,657	0.1424	403,343	57,436	1,242,564			3,309,000
28	7,382	120,324	127,706	0.1780	402,294	71,608	1,228,392			3,324,000
29	7,954	121,321	129,275	0.2136	400,725	85,595	1,214,405			3,338,000
30	6,192	122,811	129,003	0.2492	400,997	99,928	1,200,072			3,352,000
31	6,051	122,553	128,604	0.2848	401,396	114,318	1,185,682			3,366,000

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