

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

OCTOBER 2020

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 5, 2020

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
				100,000						
1	3,320	95,000	98,320							4,531,000
2	3,024	93,404	96,428							4,509,000
3	2,555	91,607	94,162							4,488,000
4	2,926	89,454	92,380							4,467,000
5	2,721	87,761	90,482							4,445,000
6	2,543	85,957	88,500							4,424,000
7	2,746	84,075	86,821							4,403,000
8	3,146	82,480	85,626							4,382,000
9	2,061	81,345	83,406							4,360,000
10	3,004	79,236	82,240							4,339,000
11	3,161	78,128	81,289							4,318,000
12	2,449	77,224	79,673							4,296,000
13	2,785	75,690	78,475							4,275,000
14	3,291	74,551	77,842							4,254,000
15	3,158	73,950	77,108							4,232,000
16	3,084	73,252	76,336							4,211,000
17	3,895	72,520	76,415							4,190,000
18	5,030	72,594	77,624							4,168,000
19	3,156	73,743	76,899							4,147,000
20	5,690	73,054	78,744							4,126,000
21	3,325	74,807	78,132							4,104,000
22	-329	74,225	73,896							4,083,000
23	1,293	70,201	71,494							4,062,000
24	3,555	67,919	71,474							4,041,000
25	1,689	67,901	69,590							4,019,000
26	3,442	66,110	69,552							3,998,000
27	3,522	66,075	69,597							3,977,000
28	2,293	66,117	68,410							3,955,000
29	2,911	64,989	67,900							3,934,000
30	3,245	64,505	67,750							3,913,000
31	2,981	64,363	67,344							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