

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

SEPTEMBER 2020

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 4, 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
			52,767							
1	2,353	50,128	52,481							5,170,000
2	3,495	49,857	53,352							5,149,000
3	3,020	50,685	53,705							5,127,000
4	3,307	51,019	54,326							5,106,000
5	2,185	51,610	53,795							5,085,000
6	2,646	51,105	53,751							5,063,000
7	2,985	51,064	54,049							5,042,000
8	2,074	51,346	53,420							5,021,000
9	4,350	50,749	55,099							5,000,000
10	2,366	52,344	54,710							4,978,000
11	2,178	51,975	54,153							4,957,000
12	2,251	51,445	53,696							4,936,000
13	2,693	51,011	53,704							4,914,000
14	2,423	51,019	53,442							4,893,000
15	2,333	50,770	53,103							4,872,000
16	2,852	50,448	53,300							4,850,000
17	2,957	50,635	53,592							4,829,000
18	3,063	50,912	53,975							4,808,000
19	2,840	51,276	54,116							4,786,000
20	2,023	51,411	53,434							4,765,000
21	3,007	50,762	53,769							4,744,000
22	2,973	51,081	54,054							4,722,000
23	3,083	51,351	54,434							4,701,000
24	2,718	51,712	54,430							4,680,000
25	2,934	51,709	54,643							4,659,000
26	2,314	51,911	54,225							4,637,000
27	2,239	51,513	53,752							4,616,000
28	2,836	51,065	53,901							4,595,000
29	2,182	51,206	53,388							4,573,000
30	2,317	50,718	53,035							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.