

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

AUGUST 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
			60,234							
1	2,338	57,222	59,560							5,831,000
2	3,498	56,582	60,080							5,809,000
3	2,505	57,076	59,581							5,788,000
4	2,593	56,602	59,195							5,767,000
5	3,015	56,236	59,251							5,745,000
6	3,154	56,288	59,442							5,724,000
7	2,267	56,470	58,737							5,703,000
8	1,995	55,800	57,795							5,682,000
9	2,192	54,905	57,097							5,660,000
10	3,099	54,242	57,341							5,639,000
11	2,446	54,474	56,920							5,618,000
12	3,926	54,074	58,000							5,596,000
13	2,902	55,100	58,002							5,575,000
14	-728	55,102	54,374							5,554,000
15	3,987	51,656	55,643							5,532,000
16	2,916	52,860	55,776							5,511,000
17	2,473	52,988	55,461							5,490,000
18	1,629	52,688	54,317							5,468,000
19	1,423	51,601	53,024							5,447,000
20	3,890	50,373	54,263							5,426,000
21	2,842	51,549	54,391							5,404,000
22	2,421	51,672	54,093							5,383,000
23	3,348	51,388	54,736							5,362,000
24	2,178	51,999	54,177							5,341,000
25	2,351	51,469	53,820							5,319,000
26	2,162	51,129	53,291							5,298,000
27	2,130	50,626	52,756							5,277,000
28	2,242	50,118	52,360							5,255,000
29	1,934	49,742	51,676							5,234,000
30	3,085	49,092	52,177							5,213,000
31	3,198	49,569	52,767							5,191,000

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