

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

JULY 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
			75,434							
1	3,206	71,663	74,869							6,491,000
2	3,321	71,125	74,446							6,470,000
3	2,430	70,724	73,154							6,449,000
4	2,667	69,496	72,163							6,427,000
5	2,023	68,555	70,578							6,406,000
6	2,791	67,049	69,840							6,385,000
7	3,301	66,348	69,649							6,363,000
8	2,648	66,167	68,815							6,342,000
9	3,318	65,374	68,692							6,321,000
10	3,359	65,257	68,616							6,300,000
11	3,094	65,186	68,280							6,278,000
12	2,561	64,866	67,427							6,257,000
13	3,152	64,055	67,207							6,236,000
14	3,370	63,847	67,217							6,214,000
15	1,917	63,856	65,773							6,193,000
16	2,410	62,484	64,894							6,172,000
17	3,016	61,650	64,666							6,150,000
18	3,480	61,432	64,912							6,129,000
19	2,744	61,667	64,411							6,108,000
20	3,794	61,190	64,984							6,086,000
21	3,105	61,735	64,840							6,065,000
22	2,438	61,598	64,036							6,044,000
23	2,086	60,834	62,920							6,022,000
24	3,083	59,774	62,857							6,001,000
25	2,254	59,714	61,968							5,980,000
26	2,089	58,870	60,959							5,959,000
27	2,533	57,911	60,444							5,937,000
28	3,454	57,422	60,876							5,916,000
29	2,471	57,832	60,303							5,895,000
30	3,247	57,288	60,535							5,873,000
31	2,726	57,508	60,234							5,852,000

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.