

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

AUGUST 2021

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 16, 2021

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
			48,289							
1	2,259	45,874	48,133							5,831,000
2	704	45,727	46,431							5,809,000
3	2,533	44,109	46,642							5,788,000
4	1,229	44,310	45,539							5,767,000
5	1,382	43,262	44,644							5,745,000
6	2,954	42,412	45,366							5,724,000
7	2,092	43,098	45,190							5,703,000
8	2,843	42,930	45,773							5,682,000
9	2,982	43,485	46,467							5,660,000
10	1,833	44,143	45,976							5,639,000
11	2,258	43,677	45,935							5,618,000
12	1,803	43,639	45,442							5,596,000
13	2,247	43,170	45,417							5,575,000
14	2,607	43,146	45,753							5,554,000
15	2,642	43,465	46,107							5,532,000
16	1,997	43,802	45,799							5,511,000
17	2,216	43,509	45,725							5,490,000
18	3,347	43,439	46,786							5,468,000
19	2,904	44,446	47,350							5,447,000
20	2,815	44,983	47,798							5,426,000
21	2,240	45,408	47,648							5,404,000
22	1,255	45,265	46,520							5,383,000
23	3,141	44,194	47,335							5,362,000
24	1,708	44,969	46,677							5,341,000
25	1,869	44,343	46,212							5,319,000
26	1,698	43,901	45,599							5,298,000
27	3,838	43,319	47,157							5,277,000
28	2,406	44,799	47,205							5,255,000
29	2,796	44,845	47,641							5,234,000
30	1,942	45,259	47,201							5,213,000
31	3,789	44,841	48,630							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.