

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

AUGUST 2022

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 7, 2022

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
			50,449							
1	3,271	47,926	51,197							5,831,000
2	2,058	48,637	50,695							5,809,000
3	1,989	48,161	50,150							5,788,000
4	1,616	47,642	49,258							5,767,000
5	3,236	46,795	50,031							5,745,000
6	2,508	47,530	50,038							5,724,000
7	2,174	47,536	49,710							5,703,000
8	2,905	47,224	50,129							5,682,000
9	2,266	47,623	49,889							5,660,000
10	2,069	47,394	49,463							5,639,000
11	2,747	46,990	49,737							5,618,000
12	2,324	47,250	49,574							5,596,000
13	2,034	47,096	49,130							5,575,000
14	1,414	46,673	48,087							5,554,000
15	1,965	45,683	47,648							5,532,000
16	2,867	45,265	48,132							5,511,000
17	2,673	45,726	48,399							5,490,000
18	2,715	45,979	48,694							5,468,000
19	2,446	46,259	48,705							5,447,000
20	2,192	46,270	48,462							5,426,000
21	1,859	46,039	47,898							5,404,000
22	1,955	45,503	47,458							5,383,000
23	1,667	45,085	46,752							5,362,000
24	2,653	44,414	47,067							5,341,000
25	3,396	44,714	48,110							5,319,000
26	3,108	45,705	48,813							5,298,000
27	1,192	46,372	47,564							5,277,000
28	1,416	45,186	46,602							5,255,000
29	2,563	44,272	46,835							5,234,000
30	2,563	44,493	47,056							5,213,000
31	2,655	44,703	47,358							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.