

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

OCTOBER 2019

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 20, 2019

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
				100,000						
1	4,158	95,000	99,158							4,531,000
2	2,301	94,200	96,501							4,509,000
3	2,589	91,676	94,265							4,488,000
4	3,276	89,552	92,828							4,467,000
5	2,476	88,186	90,662							4,445,000
6	2,603	86,129	88,732							4,424,000
7	4,399	84,296	88,695							4,403,000
8	3,476	84,260	87,736							4,382,000
9	4,607	83,349	87,956							4,360,000
10	3,922	83,558	87,480							4,339,000
11	4,369	83,106	87,475							4,318,000
12	2,430	83,102	85,532							4,296,000
13	2,593	81,255	83,848							4,275,000
14	4,636	79,656	84,292							4,254,000
15	3,859	80,077	83,936							4,232,000
16	4,716	79,739	84,455							4,211,000
17	4,947	80,232	85,179							4,190,000
18	6,930	80,920	87,850							4,168,000
19	7,790	83,458	91,248							4,147,000
20	6,037	86,686	92,723							4,126,000
21	3,404	88,086	91,490							4,104,000
22	2,048	86,916	88,964							4,083,000
23	2,695	84,516	87,211							4,062,000
24	3,434	82,850	86,284							4,041,000
25	4,154	81,970	86,124							4,019,000
26	4,248	81,818	86,066							3,998,000
27	1,725	81,762	83,487							3,977,000
28	3,710	79,313	83,023							3,955,000
29	4,797	78,872	83,669							3,934,000
30	3,749	79,485	83,234							3,913,000
31	2,303	79,073	81,376							3,891,000

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