

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

NOVEMBER 2017

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 6, 2017

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3)	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM	COLS	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
1	2	3	4	5	6	7	8			
			77,459							
1	3,860	73,586	77,446							3,870,000
2	3,893	73,574	77,467							3,849,000
3	5,820	73,594	79,414							3,827,000
4	3,777	75,443	79,220							3,806,000
5	3,892	75,259	79,151							3,785,000
6	4,218	75,193	79,411							3,763,000
7	3,251	75,441	78,692							3,742,000
8	5,048	74,757	79,805							3,721,000
9	6,001	75,815	81,816							3,700,000
10	6,232	77,725	83,957							3,678,000
11	5,163	79,759	84,922							3,657,000
12	6,153	80,676	86,829							3,636,000
13	8,973	82,488	91,461							3,614,000
14	5,523	86,888	92,411							3,593,000
15	8,356	87,790	96,146							3,572,000
16	7,846	91,339	99,185							3,550,000
17	7,948	94,226	102,174							3,529,000
18	7,274	97,065	104,339							3,508,000
19	5,476	99,122	104,598							3,486,000
20	5,903	99,368	105,271							3,465,000
21	5,550	100,007	105,557							3,444,000
22	3,606	100,280	103,886							3,422,000
23	2,841	98,691	101,532							3,401,000
24	4,765	96,456	101,221							3,380,000
25	5,032	96,160	101,192							3,359,000
26	11,688	96,132	107,820							3,337,000
27	7,740	102,429	110,169							3,316,000
28	5,861	104,661	110,522							3,295,000
29	5,455	104,996	110,451							3,273,000
30	5,680	104,928	110,608							3,252,000

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.