

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

OCTOBER 2017

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 9, 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			
			100,000							
1	2,981	95,000	97,981							4,531,000
2	1,106	93,082	94,188							4,509,000
3	3,470	89,479	92,949							4,488,000
4	3,403	88,301	91,704							4,467,000
5	3,187	87,119	90,306							4,445,000
6	3,454	85,791	89,245							4,424,000
7	3,459	84,782	88,241							4,403,000
8	2,688	83,829	86,517							4,382,000
9	3,463	82,191	85,654							4,360,000
10	4,345	81,372	85,717							4,339,000
11	3,753	81,431	85,184							4,318,000
12	3,436	80,925	84,361							4,296,000
13	3,312	80,143	83,455							4,275,000
14	3,611	79,282	82,893							4,254,000
15	3,452	78,748	82,200							4,232,000
16	3,197	78,090	81,287							4,211,000
17	3,264	77,223	80,487							4,190,000
18	3,274	76,463	79,737							4,168,000
19	4,178	75,750	79,928							4,147,000
20	3,772	75,931	79,703							4,126,000
21	4,092	75,718	79,810							4,104,000
22	4,089	75,820	79,909							4,083,000
23	3,769	75,913	79,682							4,062,000
24	3,320	75,698	79,018							4,041,000
25	3,536	75,067	78,603							4,019,000
26	4,039	74,673	78,712							3,998,000
27	4,425	74,776	79,201							3,977,000
28	3,964	75,241	79,205							3,955,000
29	2,904	75,245	78,149							3,934,000
30	3,489	74,242	77,731							3,913,000
31	3,615	73,844	77,459							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.