

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

OCTOBER 2015

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 18, 2015

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3) X .95	F. C. PARAM (COLS. 1 + 2 )	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM (COL 3)	COLS 4 X 5	F. C. RESERV (1,300,000 - COL 6 )	MINUS 14,943 PER DAY AFTER 3/20	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
	1	2	3	4	5	6	7	8		
			100,000							
1	2,045	95,000	97,045							4,531,000
2	2,063	92,193	94,256							4,509,000
3	884	89,543	90,427							4,488,000
4	1,477	85,906	87,383							4,467,000
5	1,637	83,013	84,650							4,445,000
6	1,949	80,418	82,367							4,424,000
7	2,313	78,249	80,562							4,403,000
8	2,601	76,534	79,135							4,382,000
9	2,827	75,178	78,005							4,360,000
10	4,305	74,105	78,410							4,339,000
11	4,049	74,489	78,538							4,318,000
12	2,189	74,611	76,800							4,296,000
13	2,267	72,960	75,227							4,275,000
14	2,552	71,466	74,018							4,254,000
15	2,503	70,317	72,820							4,232,000
16	2,416	69,179	71,595							4,211,000
17	1,307	68,015	69,322							4,190,000
18	1,016	65,856	66,872							4,168,000
19	864	63,528	64,392							4,147,000
20	457	61,173	61,630							4,126,000
21	2,320	58,548	60,868							4,104,000
22	2,491	57,825	60,316							4,083,000
23	1,986	57,300	59,286							4,062,000
24	2,986	56,322	59,308							4,041,000
25	3,184	56,342	59,526							4,019,000
26	2,431	56,550	58,981							3,998,000
27	2,627	56,032	58,659							3,977,000
28	3,179	55,726	58,905							3,955,000
29	1,750	55,960	57,710							3,934,000
30	3,037	54,824	57,861							3,913,000
31	3,349	54,968	58,317							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.