

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

AUGUST 2017

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 8, 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		
			94,725							
1	4,722	89,989	94,711							5,831,000
2	4,315	89,975	94,290							5,809,000
3	4,574	89,576	94,150							5,788,000
4	3,825	89,442	93,267							5,767,000
5	4,097	88,604	92,701							5,745,000
6	3,709	88,066	91,775							5,724,000
7	4,002	87,186	91,188							5,703,000
8	3,722	86,629	90,351							5,682,000
9	4,038	85,833	89,871							5,660,000
10	3,627	85,377	89,004							5,639,000
11	855	84,554	85,409							5,618,000
12	4,420	81,139	85,559							5,596,000
13	3,710	81,281	84,991							5,575,000
14	2,922	80,741	83,663							5,554,000
15	2,292	79,480	81,772							5,532,000
16	3,391	77,684	81,075							5,511,000
17	3,986	77,021	81,007							5,490,000
18	3,449	76,956	80,405							5,468,000
19	3,515	76,385	79,900							5,447,000
20	2,845	75,905	78,750							5,426,000
21	3,641	74,813	78,454							5,404,000
22	3,258	74,531	77,789							5,383,000
23	1,925	73,900	75,825							5,362,000
24	3,704	72,033	75,737							5,341,000
25	3,344	71,950	75,294							5,319,000
26	3,725	71,530	75,255							5,298,000
27	4,230	71,492	75,722							5,277,000
28	3,416	71,936	75,352							5,255,000
29	3,295	71,584	74,879							5,234,000
30	3,070	71,135	74,205							5,213,000
31	3,682	70,495	74,177							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.