

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

AUGUST 2019

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 6, 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
			96,934							
1	3,594	92,087	95,681							5,831,000
2	3,306	90,897	94,203							5,809,000
3	3,989	89,493	93,482							5,788,000
4	3,293	88,808	92,101							5,767,000
5	5,071	87,496	92,567							5,745,000
6	4,260	87,939	92,199							5,724,000
7	4,185	87,589	91,774							5,703,000
8	3,548	87,185	90,733							5,682,000
9	2,829	86,196	89,025							5,660,000
10	4,725	84,574	89,299							5,639,000
11	3,153	84,834	87,987							5,618,000
12	3,459	83,588	87,047							5,596,000
13	2,597	82,694	85,291							5,575,000
14	-3,170	81,027	77,857							5,554,000
15	5,219	73,964	79,183							5,532,000
16	5,107	75,224	80,331							5,511,000
17	3,636	76,314	79,950							5,490,000
18	2,540	75,953	78,493							5,468,000
19	3,303	74,568	77,871							5,447,000
20	3,248	73,978	77,226							5,426,000
21	3,449	73,364	76,813							5,404,000
22	3,633	72,973	76,606							5,383,000
23	4,086	72,775	76,861							5,362,000
24	3,490	73,018	76,508							5,341,000
25	4,021	72,683	76,704							5,319,000
26	4,308	72,869	77,177							5,298,000
27	4,874	73,318	78,192							5,277,000
28	2,481	74,282	76,763							5,255,000
29	2,320	72,925	75,245							5,234,000
30	3,018	71,483	74,501							5,213,000
31	4,347	70,776	75,123							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.