

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

SEPTEMBER 2019

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 9, 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
			75,102							
1	3,965	71,347	75,312							5,170,000
2	3,664	71,546	75,210							5,149,000
3	4,141	71,450	75,591							5,127,000
4	3,924	71,811	75,735							5,106,000
5	5,609	71,948	77,557							5,085,000
6	4,997	73,680	78,677							5,063,000
7	4,600	74,743	79,343							5,042,000
8	3,742	75,376	79,118							5,021,000
9	3,100	75,162	78,262							5,000,000
10	3,333	74,349	77,682							4,978,000
11	3,664	73,798	77,462							4,957,000
12	2,320	73,588	75,908							4,936,000
13	1,734	72,113	73,847							4,914,000
14	1,600	70,155	71,755							4,893,000
15	2,727	68,167	70,894							4,872,000
16	3,948	67,349	71,297							4,850,000
17	3,453	67,732	71,185							4,829,000
18	5,017	67,626	72,643							4,808,000
19	4,489	69,011	73,500							4,786,000
20	1,889	69,825	71,714							4,765,000
21	2,594	68,128	70,722							4,744,000
22	2,224	67,186	69,410							4,722,000
23	2,481	65,940	68,421							4,701,000
24	3,590	65,000	68,590							4,680,000
25	3,690	65,160	68,850							4,659,000
26	5,118	65,408	70,526							4,637,000
27	4,744	66,999	71,743							4,616,000
28	4,040	68,156	72,196							4,595,000
29	3,053	68,586	71,639							4,573,000
30	4,847	68,057	72,904							4,552,000

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.