

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

SEPTEMBER 2018

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 5, 2018

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
			55,782							
1	2,012	52,993	55,005							5,170,000
2	2,232	52,254	54,486							5,149,000
3	3,462	51,762	55,224							5,127,000
4	2,965	52,463	55,428							5,106,000
5	2,087	52,656	54,743							5,085,000
6	3,810	52,006	55,816							5,063,000
7	2,764	53,025	55,789							5,042,000
8	3,256	53,000	56,256							5,021,000
9	3,899	53,443	57,342							5,000,000
10	4,238	54,475	58,713							4,978,000
11	3,428	55,777	59,205							4,957,000
12	549	56,245	56,794							4,936,000
13	2,236	53,954	56,190							4,914,000
14	2,789	53,381	56,170							4,893,000
15	2,793	53,361	56,154							4,872,000
16	3,820	53,347	57,167							4,850,000
17	2,753	54,308	57,061							4,829,000
18	2,008	54,208	56,216							4,808,000
19	3,034	53,405	56,439							4,786,000
20	2,563	53,618	56,181							4,765,000
21	2,978	53,371	56,349							4,744,000
22	2,082	53,532	55,614							4,722,000
23	2,355	52,833	55,188							4,701,000
24	3,207	52,429	55,636							4,680,000
25	1,870	52,854	54,724							4,659,000
26	2,536	51,988	54,524							4,637,000
27	2,975	51,798	54,773							4,616,000
28	2,320	52,034	54,354							4,595,000
29	2,959	51,636	54,595							4,573,000
30	3,501	51,866	55,367							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.