

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

SEPTEMBER 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		
			46,586							
1	2,163	44,257	46,420							5,170,000
2	2,058	44,099	46,157							5,149,000
3	2,001	43,849	45,850							5,127,000
4	1,921	43,557	45,478							5,106,000
5	1,613	43,204	44,817							5,085,000
6	2,040	42,577	44,617							5,063,000
7	2,184	42,386	44,570							5,042,000
8	1,979	42,341	44,320							5,021,000
9	2,706	42,104	44,810							5,000,000
10	3,456	42,570	46,026							4,978,000
11	3,015	43,724	46,739							4,957,000
12	2,325	44,402	46,727							4,936,000
13	1,814	44,391	46,205							4,914,000
14	2,930	43,895	46,825							4,893,000
15	1,100	44,484	45,584							4,872,000
16	1,874	43,304	45,178							4,850,000
17	1,803	42,919	44,722							4,829,000
18	2,175	42,486	44,661							4,808,000
19	3,040	42,428	45,468							4,786,000
20	2,833	43,195	46,028							4,765,000
21	3,366	43,726	47,092							4,744,000
22	2,621	44,738	47,359							4,722,000
23	2,757	44,991	47,748							4,701,000
24	2,720	45,361	48,081							4,680,000
25	3,299	45,676	48,975							4,659,000
26	3,176	46,527	49,703							4,637,000
27	1,903	47,218	49,121							4,616,000
28	2,044	46,665	48,709							4,595,000
29	2,659	46,273	48,932							4,573,000
30	2,403	46,486	48,889							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.