

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

SEPTEMBER 2017

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 10, 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			
			74,177							
1	3,554	70,468	74,022							5,170,000
2	3,506	70,321	73,827							5,149,000
3	3,511	70,136	73,647							5,127,000
4	3,122	69,964	73,086							5,106,000
5	3,766	69,432	73,198							5,085,000
6	3,319	69,538	72,857							5,063,000
7	3,353	69,214	72,567							5,042,000
8	3,708	68,939	72,647							5,021,000
9	3,058	69,015	72,073							5,000,000
10	2,866	68,469	71,335							4,978,000
11	3,105	67,768	70,873							4,957,000
12	2,587	67,330	69,917							4,936,000
13	3,822	66,421	70,243							4,914,000
14	3,994	66,731	70,725							4,893,000
15	2,888	67,188	70,076							4,872,000
16	4,307	66,573	70,880							4,850,000
17	2,399	67,336	69,735							4,829,000
18	3,382	66,248	69,630							4,808,000
19	3,629	66,148	69,777							4,786,000
20	2,656	66,288	68,944							4,765,000
21	3,405	65,497	68,902							4,744,000
22	2,824	65,457	68,281							4,722,000
23	3,660	64,867	68,527							4,701,000
24	3,393	65,101	68,494							4,680,000
25	3,475	65,069	68,544							4,659,000
26	3,421	65,117	68,538							4,637,000
27	3,471	65,111	68,582							4,616,000
28	3,621	65,153	68,774							4,595,000
29	3,499	65,335	68,834							4,573,000
30	3,261	65,392	68,653							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.