

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

AUGUST 2018

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 3, 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
			68,354							
1	2,053	64,936	66,989							5,831,000
2	2,503	63,640	66,143							5,809,000
3	2,301	62,836	65,137							5,788,000
4	2,285	61,880	64,165							5,767,000
5	2,836	60,957	63,793							5,745,000
6	2,381	60,603	62,984							5,724,000
7	2,706	59,835	62,541							5,703,000
8	3,963	59,414	63,377							5,682,000
9	4,130	60,208	64,338							5,660,000
10	2,755	61,121	63,876							5,639,000
11	3,169	60,682	63,851							5,618,000
12	1,499	60,659	62,158							5,596,000
13	3,315	59,050	62,365							5,575,000
14	2,853	59,247	62,100							5,554,000
15	2,851	58,995	61,846							5,532,000
16	2,754	58,753	61,507							5,511,000
17	2,848	58,432	61,280							5,490,000
18	1,934	58,216	60,150							5,468,000
19	1,912	57,142	59,054							5,447,000
20	2,050	56,102	58,152							5,426,000
21	2,423	55,244	57,667							5,404,000
22	3,381	54,784	58,165							5,383,000
23	2,760	55,257	58,017							5,362,000
24	-490	55,116	54,626							5,341,000
25	3,026	51,894	54,920							5,319,000
26	3,222	52,174	55,396							5,298,000
27	2,521	52,627	55,148							5,277,000
28	3,284	52,390	55,674							5,255,000
29	3,180	52,891	56,071							5,234,000
30	2,880	53,267	56,147							5,213,000
31	2,442	53,340	55,782							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.