

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

AUGUST 2012

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 18, 2012

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			
			66,029							
1	4,915	62,727	67,642							5,831,000
2	2,197	64,260	66,457							5,809,000
3	1,404	63,134	64,538							5,788,000
4	2,605	61,312	63,917							5,767,000
5	2,922	60,721	63,643							5,745,000
6	2,471	60,461	62,932							5,724,000
7	2,660	59,785	62,445							5,703,000
8	579	59,323	59,902							5,682,000
9	2,476	56,907	59,383							5,660,000
10	2,922	56,414	59,336							5,639,000
11	2,832	56,369	59,201							5,618,000
12	2,923	56,241	59,164							5,596,000
13	2,315	56,206	58,521							5,575,000
14	3,209	55,594	58,803							5,554,000
15	4,043	55,863	59,906							5,532,000
16	3,016	56,911	59,927							5,511,000
17	3,609	56,931	60,540							5,490,000
18	2,875	57,513	60,388							5,468,000
19	2,643	57,368	60,011							5,447,000
20	2,818	57,011	59,829							5,426,000
21	3,202	56,837	60,039							5,404,000
22	3,147	57,037	60,184							5,383,000
23	3,592	57,175	60,767							5,362,000
24	3,014	57,729	60,743							5,341,000
25	2,255	57,706	59,961							5,319,000
26	2,220	56,963	59,183							5,298,000
27	3,388	56,223	59,611							5,277,000
28	4,605	56,631	61,236							5,255,000
29	2,691	58,174	60,865							5,234,000
30	2,257	57,822	60,079							5,213,000
31	2,767	57,075	59,842							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.