

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

AUGUST 2013

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 11, 2013

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			
			60,575							
1	2,644	57,547	60,191							5,831,000
2	2,393	57,181	59,574							5,809,000
3	3,141	56,595	59,736							5,788,000
4	2,481	56,750	59,231							5,767,000
5	5,713	56,269	61,982							5,745,000
6	2,671	58,883	61,554							5,724,000
7	2,660	58,476	61,136							5,703,000
8	2,868	58,079	60,947							5,682,000
9	1,836	57,900	59,736							5,660,000
10	2,458	56,749	59,207							5,639,000
11	3,160	56,247	59,407							5,618,000
12	2,663	56,437	59,100							5,596,000
13	2,669	56,145	58,814							5,575,000
14	2,492	55,873	58,365							5,554,000
15	3,346	55,447	58,793							5,532,000
16	2,846	55,853	58,699							5,511,000
17	2,619	55,764	58,383							5,490,000
18	3,019	55,464	58,483							5,468,000
19	3,038	55,559	58,597							5,447,000
20	2,564	55,667	58,231							5,426,000
21	3,179	55,319	58,498							5,404,000
22	2,885	55,573	58,458							5,383,000
23	2,361	55,536	57,897							5,362,000
24	3,115	55,002	58,117							5,341,000
25	3,711	55,211	58,922							5,319,000
26	5,245	55,976	61,221							5,298,000
27	2,536	58,160	60,696							5,277,000
28	2,627	57,661	60,288							5,255,000
29	1,239	57,274	58,513							5,234,000
30	2,171	55,587	57,758							5,213,000
31	2,207	54,870	57,077							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.