

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

SEPTEMBER 2009

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 1, 2009

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			
			61,495							
1	2,423	58,420	60,843							5,170,000
2	3,317	57,801	61,118							5,149,000
3	2,911	58,062	60,973							5,127,000
4	3,007	57,925	60,932							5,106,000
5	2,935	57,885	60,820							5,085,000
6	2,898	57,779	60,677							5,063,000
7	2,387	57,643	60,030							5,042,000
8	2,650	57,029	59,679							5,021,000
9	2,730	56,695	59,425							5,000,000
10	3,571	56,454	60,025							4,978,000
11	2,647	57,023	59,670							4,957,000
12	2,401	56,687	59,088							4,936,000
13	2,400	56,133	58,533							4,914,000
14	2,588	55,607	58,195							4,893,000
15	2,436	55,285	57,721							4,872,000
16	2,544	54,835	57,379							4,850,000
17	2,640	54,510	57,150							4,829,000
18	2,879	54,293	57,172							4,808,000
19	2,688	54,313	57,001							4,786,000
20	2,571	54,151	56,722							4,765,000
21	3,052	53,886	56,938							4,744,000
22	3,159	54,091	57,250							4,722,000
23	2,423	54,387	56,810							4,701,000
24	3,078	53,970	57,048							4,680,000
25	2,834	54,195	57,029							4,659,000
26	2,889	54,178	57,067							4,637,000
27	2,987	54,214	57,201							4,616,000
28	2,518	54,341	56,859							4,595,000
29	2,588	54,016	56,604							4,573,000
30	2,970	53,774	56,744							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.