

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

SEPTEMBER 2012

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 25, 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		
			59,842							
1	2,601	56,850	59,451							5,170,000
2	2,545	56,478	59,023							5,149,000
3	2,250	56,072	58,322							5,127,000
4	2,571	55,406	57,977							5,106,000
5	957	55,078	56,035							5,085,000
6	2,562	53,233	55,795							5,063,000
7	3,114	53,006	56,120							5,042,000
8	2,753	53,314	56,067							5,021,000
9	2,883	53,263	56,146							5,000,000
10	2,608	53,339	55,947							4,978,000
11	2,643	53,150	55,793							4,957,000
12	3,104	53,003	56,107							4,936,000
13	3,246	53,302	56,548							4,914,000
14	2,877	53,720	56,597							4,893,000
15	2,703	53,767	56,470							4,872,000
16	2,660	53,647	56,307							4,850,000
17	2,840	53,492	56,332							4,829,000
18	3,830	53,515	57,345							4,808,000
19	2,756	54,478	57,234							4,786,000
20	2,871	54,372	57,243							4,765,000
21	3,456	54,381	57,837							4,744,000
22	3,108	54,945	58,053							4,722,000
23	3,370	55,150	58,520							4,701,000
24	3,636	55,594	59,230							4,680,000

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.