

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

SEPTEMBER 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			
			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	2,783	53,767	56,550							4,872,000
16	2,660	53,723	56,383							4,850,000
17	2,840	53,564	56,404							4,829,000
18	3,830	53,584	57,414							4,808,000
19	2,756	54,543	57,299							4,786,000
20	2,871	54,434	57,305							4,765,000
21	3,456	54,440	57,896							4,744,000
22	3,108	55,001	58,109							4,722,000
23	3,370	55,203	58,573							4,701,000
24	3,636	55,645	59,281							4,680,000
25	1,880	56,317	58,197							4,659,000
26	2,412	55,287	57,699							4,637,000
27	3,598	54,814	58,412							4,616,000
28	2,983	55,491	58,474							4,595,000
29	2,674	55,551	58,225							4,573,000
30	2,356	55,313	57,669							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.