

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

SEPTEMBER 2011

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 1, 2011

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			
			78,187							
1	3,579	74,278	77,857							5,170,000
2	3,201	73,964	77,165							5,149,000
3	2,208	73,307	75,515							5,127,000
4	3,062	71,739	74,801							5,106,000
5	3,592	71,061	74,653							5,085,000
6	3,549	70,920	74,469							5,063,000
7	3,942	70,746	74,688							5,042,000
8	3,432	70,953	74,385							5,021,000
9	3,517	70,666	74,183							5,000,000
10	3,438	70,474	73,912							4,978,000
11	3,619	70,216	73,835							4,957,000
12	4,079	70,144	74,223							4,936,000
13	3,480	70,511	73,991							4,914,000
14	2,929	70,292	73,221							4,893,000
15	3,491	69,560	73,051							4,872,000
16	3,436	69,398	72,834							4,850,000
17	3,541	69,193	72,734							4,829,000
18	2,573	69,097	71,670							4,808,000
19	3,677	68,086	71,763							4,786,000
20	3,956	68,175	72,131							4,765,000
21	3,970	68,525	72,495							4,744,000
22	4,735	68,870	73,605							4,722,000
23	3,629	69,925	73,554							4,701,000
24	3,114	69,876	72,990							4,680,000
25	2,923	69,341	72,264							4,659,000
26	3,409	68,650	72,059							4,637,000
27	3,974	68,456	72,430							4,616,000
28	3,416	68,809	72,225							4,595,000
29	4,183	68,614	72,797							4,573,000
30	3,302	69,157	72,459							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.