

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

SEPTEMBER 2007

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 31, 2007

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3)	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM	COLS	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
	1	2	3	4	5	6	7	8		
			67,256							
1	3,839	63,893	67,732						5,170,000	
2	3,352	64,345	67,697						5,149,000	
3	3,181	64,312	67,493						5,127,000	
4	3,492	64,119	67,611						5,106,000	
5	3,407	64,230	67,637						5,085,000	
6	3,242	64,255	67,497						5,063,000	
7	3,370	64,123	67,493						5,042,000	
8	3,295	64,118	67,413						5,021,000	
9	3,085	64,042	67,127						5,000,000	
10	3,324	63,771	67,095						4,978,000	
11	3,454	63,740	67,194						4,957,000	
12	3,127	63,834	66,961						4,936,000	
13	3,184	63,613	66,797						4,914,000	
14	3,101	63,457	66,558						4,893,000	
15	3,354	63,231	66,585						4,872,000	
16	3,019	63,255	66,274						4,850,000	
17	3,671	62,961	66,632						4,829,000	
18	3,337	63,300	66,637						4,808,000	
19	2,948	63,305	66,253						4,786,000	
20	3,783	62,941	66,724						4,765,000	
21	3,179	63,387	66,566						4,744,000	
22	3,244	63,238	66,482						4,722,000	
23	3,337	63,158	66,495						4,701,000	
24	-937	63,170	62,233						4,680,000	
25	2,993	59,122	62,115						4,659,000	
26	3,696	59,009	62,705						4,637,000	
27	3,375	59,570	62,945						4,616,000	
28	4,280	59,797	64,077						4,595,000	
29	3,641	60,873	64,514						4,573,000	
30	2,998	61,289	64,287						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.