

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

OCTOBER 2007

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 7, 2008

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		
			100,000							
1	4,066	95,000	99,066						4,531,000	
2	3,381	94,113	97,494						4,509,000	
3	2,974	92,619	95,593						4,488,000	
4	3,220	90,813	94,033						4,467,000	
5	3,607	89,332	92,939						4,445,000	
6	4,784	88,292	93,076						4,424,000	
7	4,651	88,422	93,073						4,403,000	
8	3,741	88,419	92,160						4,382,000	
9	2,723	87,552	90,275						4,360,000	
10	4,634	85,762	90,396						4,339,000	
11	4,892	85,876	90,768						4,318,000	
12	4,752	86,229	90,981						4,296,000	
13	3,495	86,432	89,927						4,275,000	
14	3,122	85,431	88,553						4,254,000	
15	4,195	84,125	88,320						4,232,000	
16	4,258	83,904	88,162						4,211,000	
17	4,389	83,754	88,143						4,190,000	
18	4,061	83,736	87,797						4,168,000	
19	7,723	83,407	91,130						4,147,000	
20	4,483	86,574	91,057						4,126,000	
21	4,121	86,504	90,625						4,104,000	
22	3,387	86,094	89,481						4,083,000	
23	3,593	85,007	88,600						4,062,000	
24	3,219	84,170	87,389						4,041,000	
25	2,969	83,019	85,988						4,019,000	
26	3,109	81,689	84,798						3,998,000	
27	3,588	80,558	84,146						3,977,000	
28	4,139	79,939	84,078						3,955,000	
29	5,943	79,874	85,817						3,934,000	
30	3,489	81,526	85,015						3,913,000	
31	4,168	80,764	84,932						3,891,000	

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.