

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

JUNE 2007

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 25, 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		
			96,654							
1	3,948	91,821	95,769	3.0972	420,000	1,300,000	0	1,090,839	4,552,000	
2	3,838	90,981	94,819	3.0972	420,000	1,300,000	0	1,105,782	4,552,000	
3	4,260	90,078	94,338	3.0972	420,000	1,300,000	0	1,120,725	4,552,000	
4	3,853	89,621	93,474	3.0972	420,000	1,300,000	0	1,135,668	4,552,000	
5	3,168	88,800	91,968	3.0972	420,000	1,300,000	0	1,150,611	4,552,000	
6	3,516	87,370	90,886	3.0972	420,000	1,300,000	0	1,165,554	4,552,000	
7	3,358	86,341	89,699	3.0972	420,000	1,300,000	0	1,180,497	4,552,000	
8	3,976	85,214	89,190	3.0972	420,000	1,300,000	0	1,195,440	4,552,000	
9	3,386	84,731	88,117	3.0972	420,000	1,300,000	0	1,210,383	4,552,000	
10	3,810	83,711	87,521	3.0972	420,000	1,300,000	0	1,225,326	4,552,000	
11	3,244	83,145	86,389	3.0972	420,000	1,300,000	0	1,240,269	4,552,000	
12	3,996	82,070	86,066	3.0972	420,000	1,300,000	0	1,255,212	4,552,000	
13	4,219	81,762	85,981	3.0972	420,000	1,300,000	0	1,270,155	4,552,000	
14	4,180	81,682	85,862	3.0972	420,000	1,300,000	0	1,285,098	4,552,000	
15	3,852	81,569	85,421	3.0972	420,000	1,300,000	0	1,300,041	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