

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

SEPTEMBER 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 20, 2006

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			
			87,322							
1	4,292	82,956	87,248							5,170,000
2	3,707	82,886	86,593							5,149,000
3	3,406	82,263	85,669							5,127,000
4	3,365	81,386	84,751							5,106,000
5	4,025	80,513	84,538							5,085,000
6	3,927	80,311	84,238							5,063,000
7	3,904	80,026	83,930							5,042,000
8	3,860	79,734	83,594							5,021,000
9	3,202	79,414	82,616							5,000,000
10	3,956	78,485	82,441							4,978,000
11	4,331	78,319	82,650							4,957,000
12	3,866	78,518	82,384							4,936,000
13	3,838	78,265	82,103							4,914,000
14	3,361	77,997	81,358							4,893,000
15	4,064	77,291	81,355							4,872,000
16	3,607	77,287	80,894							4,850,000
17	3,688	76,849	80,537							4,829,000
18	4,513	76,510	81,023							4,808,000
19	2,679	76,972	79,651							4,786,000
20	4,003	75,669	79,672							4,765,000
21	3,900	75,688	79,588							4,744,000
22	4,325	75,609	79,934							4,722,000
23	2,965	75,937	78,902							4,701,000
24	4,193	74,957	79,150							4,680,000
25	3,914	75,192	79,106							4,659,000
26	3,817	75,151	78,968							4,637,000
27	3,734	75,020	78,754							4,616,000
28	3,857	74,816	78,673							4,595,000
29	3,950	74,739	78,689							4,573,000
30	3,603	74,755	78,358							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.