

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

NOVEMBER 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: April 11, 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			
			82,118							
1	4,404	78,012	82,416							3,870,000
2	5,004	78,295	83,299							3,849,000
3	6,083	79,134	85,217							3,827,000
4	4,587	80,956	85,543							3,806,000
5	5,807	81,266	87,073							3,785,000
6	5,299	82,720	88,019							3,763,000
7	4,545	83,618	88,163							3,742,000
8	5,003	83,755	88,758							3,721,000
9	4,789	84,320	89,109							3,700,000
10	4,660	84,653	89,313							3,678,000
11	5,231	84,848	90,079							3,657,000
12	5,357	85,575	90,932							3,636,000
13	7,581	86,385	93,966							3,614,000
14	5,878	89,268	95,146							3,593,000
15	5,429	90,388	95,817							3,572,000
16	6,221	91,027	97,248							3,550,000
17	5,278	92,385	97,663							3,529,000
18	4,996	92,780	97,776							3,508,000
19	4,761	92,887	97,648							3,486,000
20	5,299	92,766	98,065							3,465,000
21	5,027	93,162	98,189							3,444,000
22	6,113	93,279	99,392							3,422,000
23	5,523	94,423	99,946							3,401,000
24	4,734	94,948	99,682							3,380,000
25	4,674	94,698	99,372							3,359,000
26	7,001	94,404	101,405							3,337,000
27	4,863	96,334	101,197							3,316,000
28	4,123	96,137	100,260							3,295,000
29	3,829	95,247	99,076							3,273,000
30	4,331	94,123	98,454							3,252,000

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.