

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

AUGUST 2005

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 7, 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			
			100,760							
1	3,960	95,722	99,682							5,831,000
2	3,507	94,698	98,205							5,809,000
3	3,920	93,295	97,215							5,788,000
4	3,950	92,354	96,304							5,767,000
5	3,842	91,489	95,331							5,745,000
6	3,665	90,564	94,229							5,724,000
7	3,549	89,518	93,067							5,703,000
8	3,869	88,414	92,283							5,682,000
9	4,066	87,669	91,735							5,660,000
10	3,898	87,148	91,046							5,639,000
11	3,588	86,493	90,081							5,618,000
12	3,942	85,577	89,519							5,596,000
13	3,276	85,043	88,319							5,575,000
14	3,102	83,903	87,005							5,554,000
15	3,713	82,655	86,368							5,532,000
16	4,176	82,050	86,226							5,511,000
17	3,695	81,915	85,610							5,490,000
18	3,525	81,329	84,854							5,468,000
19	3,274	80,611	83,885							5,447,000
20	3,635	79,691	83,326							5,426,000
21	3,381	79,160	82,541							5,404,000
22	4,269	78,414	82,683							5,383,000
23	3,406	78,549	81,955							5,362,000
24	3,394	77,857	81,251							5,341,000
25	3,487	77,188	80,675							5,319,000
26	3,526	76,642	80,168							5,298,000
27	2,727	76,159	78,886							5,277,000
28	3,422	74,942	78,364							5,255,000
29	3,771	74,446	78,217							5,234,000
30	3,118	74,306	77,424							5,213,000
31	3,256	73,553	76,809							5,191,000

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.