

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

JUNE 2008

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 8, 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			
			133,080							
1	5,837	126,426	132,263	3.0976	397,737	1,232,031	67,969	1,090,839		4,552,000
2	5,449	125,650	131,099	3.0976	398,901	1,235,637	64,363	1,105,782		4,552,000
3	6,767	124,544	131,311	3.0976	398,689	1,234,980	65,020	1,120,725		4,552,000
4	6,136	124,745	130,881	3.0976	399,119	1,236,310	63,690	1,135,668		4,552,000
5	1,910	124,337	126,247	3.0976	403,753	1,250,665	49,335	1,150,611		4,552,000
6	3,247	119,935	123,182	3.0976	406,818	1,260,160	39,840	1,165,554		4,552,000
7	4,369	117,023	121,392	3.0976	408,608	1,265,705	34,295	1,180,497		4,552,000
8	4,151	115,322	119,473	3.0976	410,527	1,271,648	28,352	1,195,440		4,552,000
9	5,167	113,499	118,666	3.0976	411,334	1,274,147	25,853	1,210,383		4,552,000
10	3,426	112,733	116,159	3.0976	413,841	1,281,913	18,087	1,225,326		4,552,000
11	4,011	110,351	114,362	3.0976	415,638	1,287,480	12,520	1,240,269		4,552,000
12	4,303	108,644	112,947	3.0976	417,053	1,291,863	8,137	1,255,212		4,552,000
13	4,020	107,300	111,320	3.0976	418,680	1,296,904	3,096	1,270,155		4,552,000
14	3,233	105,754	108,987	3.0976	420,000	1,300,000	0	1,285,098		4,552,000
15	3,040	103,537	106,577	3.0976	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.