

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

MARCH 2009

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 15, 2009

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3) X .95	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM (COL 3)	COLS 4 X 5	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER 3/20	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
	1	2	3	4	5	6	7	8		
			245,740							
1	28,149	233,453	261,602	2.4208	268,398	649,739	650,261			3,902,000
2	58,721	248,522	307,243	2.4564	222,757	547,181	752,819			3,799,000
3	42,100	291,880	333,980	2.4920	196,020	488,481	811,519			3,740,000
4	31,947	317,281	349,228	2.5276	180,772	456,918	843,082			3,709,000
5	24,103	331,767	355,870	2.5632	174,130	446,330	853,670			3,698,000
6	18,881	338,076	356,957	2.5988	173,043	449,703	850,297			3,702,000
7	16,837	339,110	355,947	2.6344	174,053	458,526	841,474			3,711,000
8	13,239	338,149	351,388	2.6700	178,612	476,893	823,107			3,729,000
9	12,446	333,819	346,265	2.7056	183,735	497,114	802,886			3,749,000
10	12,034	328,952	340,986	2.7412	189,014	518,126	781,874			3,770,000
11	10,042	323,936	333,978	2.7768	196,022	544,313	755,687			3,796,000
12	11,004	317,279	328,283	2.8124	201,717	567,308	732,692			3,819,000
13	9,037	311,869	320,906	2.8480	209,094	595,499	704,501			3,847,000
14	8,501	304,861	313,362	2.8836	216,638	624,697	675,303			3,877,000

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.