

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

JUNE 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 15, 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			
			333,671							
1	7,992	316,987	324,979	3.0972	205,021	634,990	665,010	1,090,839		4,552,000
2	10,406	308,730	319,136	3.0972	210,864	653,087	646,913	1,105,782		4,552,000
3	9,926	303,180	313,106	3.0972	216,894	671,766	628,234	1,120,725		4,552,000
4	9,810	297,450	307,260	3.0972	222,740	689,870	610,130	1,135,668		4,552,000
5	9,181	291,897	301,078	3.0972	228,922	709,016	590,984	1,150,611		4,552,000
6	9,412	286,024	295,436	3.0972	234,564	726,491	573,509	1,165,554		4,552,000
7	9,238	280,665	289,903	3.0972	240,097	743,630	556,370	1,180,497		4,552,000
8	8,468	275,407	283,875	3.0972	246,125	762,297	537,703	1,195,440		4,552,000
9	8,352	269,682	278,034	3.0972	251,966	780,390	519,610	1,210,383		4,552,000
10	8,398	264,132	272,530	3.0972	257,470	797,436	502,564	1,225,326		4,552,000
11	8,309	258,903	267,212	3.0972	262,788	813,906	486,094	1,240,269		4,552,000
12	7,537	253,852	261,389	3.0972	268,611	831,943	468,057	1,255,212		4,552,000
13	7,295	248,319	255,614	3.0972	274,386	849,827	450,173	1,270,155		4,552,000
14	6,800	242,834	249,634	3.0972	280,366	868,351	431,649	1,285,098		4,552,000
15	6,492	237,152	243,644	3.0972	286,356	886,902	413,098	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.