

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

JUNE 2010

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 1, 2010

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			
			195,547							
1	7,798	185,769	193,567	3.0972	336,433	1,041,999	258,001	1,090,839		4,552,000
2	9,183	183,889	193,072	3.0972	336,928	1,043,533	256,467	1,105,782		4,552,000
3	9,150	183,418	192,568	3.0972	337,432	1,045,093	254,907	1,120,725		4,552,000
4	11,840	182,940	194,780	3.0972	335,220	1,038,243	261,757	1,135,668		4,552,000
5	13,277	185,041	198,318	3.0972	331,682	1,027,285	272,715	1,150,611		4,552,000
6	11,773	188,402	200,175	3.0972	329,825	1,021,533	278,467	1,165,554		4,552,000
7	10,954	190,166	201,120	3.0972	328,880	1,018,606	281,394	1,180,497		4,552,000
8	10,094	191,064	201,158	3.0972	328,842	1,018,488	281,512	1,195,440		4,552,000
9	10,519	191,100	201,619	3.0972	328,381	1,017,060	282,940	1,210,383		4,552,000
10	9,874	191,538	201,412	3.0972	328,588	1,017,701	282,299	1,225,326		4,552,000
11	8,520	191,342	199,862	3.0972	330,138	1,022,504	277,496	1,240,269		4,552,000
12	8,963	189,869	198,832	3.0972	331,168	1,025,694	274,306	1,255,212		4,552,000
13	8,664	188,890	197,554	3.0972	332,446	1,029,651	270,349	1,270,155		4,552,000
14	8,541	187,676	196,217	3.0972	333,783	1,033,791	266,209	1,285,098		4,552,000
15	7,803	186,407	194,210	3.0972	335,790	1,040,010	259,990	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.