

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

JUNE 2003

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 1, 2003

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			
			245,111							
1	8,902	232,856	241,758	3.0972	288,242	892,744	407,256	1,090,839		4,552,000
2	8,353	229,670	238,023	3.0972	291,977	904,312	395,688	1,105,782		4,552,000
3	8,344	226,122	234,466	3.0972	295,534	915,329	384,671	1,120,725		4,552,000
4	7,278	222,742	230,020	3.0972	299,980	929,097	370,903	1,135,668		4,552,000
5	7,847	218,519	226,366	3.0972	303,634	940,414	359,586	1,150,611		4,552,000
6	7,510	215,048	222,558	3.0972	307,442	952,210	347,790	1,165,554		4,552,000
7	6,239	211,430	217,669	3.0972	312,331	967,351	332,649	1,180,497		4,552,000
8	7,280	206,786	214,066	3.0972	315,934	978,512	321,488	1,195,440		4,552,000
9	7,358	203,362	210,720	3.0972	319,280	988,873	311,127	1,210,383		4,552,000
10	4,706	200,184	204,890	3.0972	325,110	1,006,930	293,070	1,225,326		4,552,000
11	6,729	194,646	201,375	3.0972	328,625	1,017,818	282,182	1,240,269		4,552,000
12	5,526	191,306	196,832	3.0972	333,168	1,031,888	268,112	1,255,212		4,552,000
13	6,093	186,990	193,083	3.0972	336,917	1,043,498	256,502	1,270,155		4,552,000
14	4,169	183,429	187,598	3.0972	342,402	1,060,487	239,513	1,285,098		4,552,000
15	5,280	178,218	183,498	3.0972	346,502	1,073,185	226,815	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.