

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

APRIL 2003

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 9, 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		
			229,263							
1	9,569	217,800	227,369	3.0972	302,631	937,309	362,691	179,316	183,375	4,368,000
2	10,055	216,001	226,056	3.0972	303,944	941,377	358,623	194,259	164,364	4,387,000
3	9,340	214,753	224,093	3.0972	305,907	947,456	352,544	209,202	143,342	4,408,000
4	12,001	212,888	224,889	3.0972	305,111	944,989	355,011	224,145	130,866	4,421,000
5	8,661	213,645	222,306	3.0972	307,694	952,991	347,009	239,088	107,921	4,444,000
6	9,813	211,190	221,003	3.0972	308,997	957,024	342,976	254,031	88,945	4,463,000
7	9,217	209,953	219,170	3.0972	310,830	962,702	337,298	268,974	68,324	4,484,000
8	8,216	208,212	216,428	3.0972	313,572	971,196	328,804	283,917	44,887	4,507,000
9	7,405	205,606	213,011	3.0972	316,989	981,777	318,223	298,860	19,363	4,533,000
10	8,205	202,361	210,566	3.0972	319,434	989,352	310,648	313,803		4,552,000
11	9,884	200,038	209,922	3.0972	320,078	991,347	308,653	328,746		4,552,000
12	13,492	199,425	212,917	3.0972	317,083	982,068	317,932	343,689		4,552,000
13	19,113	202,272	221,385	3.0972	308,615	955,844	344,156	358,632		4,552,000
14	15,567	210,315	225,882	3.0972	304,118	941,913	358,087	373,575		4,552,000
15	14,436	214,588	229,024	3.0972	300,976	932,182	367,818	388,518		4,552,000
16	13,972	217,573	231,545	3.0972	298,455	924,375	375,625	403,461		4,552,000
17	12,303	219,968	232,271	3.0972	297,729	922,127	377,873	418,404		4,552,000
18	10,696	220,657	231,353	3.0972	298,647	924,969	375,031	433,347		4,552,000
19	10,764	219,786	230,550	3.0972	299,450	927,458	372,542	448,290		4,552,000
20	10,093	219,022	229,115	3.0972	300,885	931,901	368,099	463,233		4,552,000
21	11,047	217,659	228,706	3.0972	301,294	933,167	366,833	478,176		4,552,000
22	11,542	217,271	228,813	3.0972	301,187	932,836	367,164	493,119		4,552,000
23	9,554	217,372	226,926	3.0972	303,074	938,680	361,320	508,062		4,552,000
24	14,860	215,580	230,440	3.0972	299,560	927,797	372,203	523,005		4,552,000
25	17,473	218,918	236,391	3.0972	293,609	909,366	390,634	537,948		4,552,000
26	13,644	224,571	238,215	3.0972	291,785	903,715	396,285	552,891		4,552,000
27	13,374	226,305	239,679	3.0972	290,321	899,183	400,817	567,834		4,552,000
28	32,491	227,695	260,186	3.0972	269,814	835,669	464,331	582,777		4,552,000
29	32,898	247,176	280,074	3.0972	249,926	774,069	525,931	597,720		4,552,000
30	29,565	266,071	295,636	3.0972	234,364	725,873	574,127	612,663		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.