

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

APRIL 2005

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 26, 2005

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			
			262,660							
1	12,270	249,527	261,797	3.0972	268,203	830,679	469,321	179,316	290,005	4,262,000
2	11,704	248,707	260,411	3.0972	269,589	834,971	465,029	194,259	270,770	4,281,000
3	13,543	247,390	260,933	3.0972	269,067	833,353	466,647	209,202	257,445	4,294,000
4	12,666	247,887	260,553	3.0972	269,447	834,532	465,468	224,145	241,323	4,311,000
5	11,467	247,525	258,992	3.0972	271,008	839,366	460,634	239,088	221,546	4,330,000
6	10,393	246,043	256,436	3.0972	273,564	847,284	452,716	254,031	198,685	4,353,000
7	11,585	243,614	255,199	3.0972	274,801	851,114	448,886	268,974	179,912	4,372,000
8	14,830	242,439	257,269	3.0972	272,731	844,703	455,297	283,917	171,380	4,381,000
9	12,805	244,405	257,210	3.0972	272,790	844,884	455,116	298,860	156,256	4,396,000
10	12,703	244,350	257,053	3.0972	272,947	845,372	454,628	313,803	140,825	4,411,000
11	10,904	244,200	255,104	3.0972	274,896	851,407	448,593	328,746	119,847	4,432,000
12	11,043	242,349	253,392	3.0972	276,608	856,710	443,290	343,689	99,601	4,453,000
13	10,559	240,722	251,281	3.0972	278,719	863,247	436,753	358,632	78,121	4,474,000
14	9,493	238,717	248,210	3.0972	281,790	872,759	427,241	373,575	53,666	4,499,000
15	9,646	235,800	245,446	3.0972	284,554	881,321	418,679	388,518	30,161	4,522,000
16	8,774	233,174	241,948	3.0972	288,052	892,156	407,844	403,461	4,383	4,547,000
17	8,058	229,850	237,908	3.0972	292,092	904,667	395,333	418,404		4,552,000
18	9,788	226,013	235,801	3.0972	294,199	911,194	388,806	433,347		4,552,000
19	8,364	224,011	232,375	3.0972	297,625	921,805	378,195	448,290		4,552,000
20	7,980	220,756	228,736	3.0972	301,264	933,075	366,925	463,233		4,552,000
21	7,958	217,299	225,257	3.0972	304,743	943,850	356,150	478,176		4,552,000
22	8,368	213,994	222,362	3.0972	307,638	952,815	347,185	493,119		4,552,000
23	9,008	211,244	220,252	3.0972	309,748	959,351	340,649	508,062		4,552,000
24	8,734	209,240	217,974	3.0972	312,026	966,408	333,592	523,005		4,552,000
25	7,838	207,075	214,913	3.0972	315,087	975,888	324,112	537,948		4,552,000
26	6,677	204,167	210,844	3.0972	319,156	988,489	311,511	552,891		4,552,000
27	7,042	200,302	207,344	3.0972	322,656	999,330	300,670	567,834		4,552,000
28	7,826	196,977	204,803	3.0972	325,197	1,007,201	292,799	582,777		4,552,000
29	8,281	194,563	202,844	3.0972	327,156	1,013,269	286,731	597,720		4,552,000
30	8,520	192,702	201,222	3.0972	328,778	1,018,293	281,707	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.