

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

APRIL 2004

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: May 24, 2004

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		
			282,864							
1	8,997	268,721	277,718	3.0976	252,282	781,468	518,532	179,316	339,216	4,212,000
2	8,325	263,832	272,157	3.0976	257,843	798,694	501,306	194,259	307,047	4,245,000
3	9,503	258,549	268,052	3.0976	261,948	811,409	488,591	209,202	279,389	4,272,000
4	8,386	254,650	263,036	3.0976	266,964	826,949	473,051	224,145	248,906	4,303,000
5	9,200	249,884	259,084	3.0976	270,916	839,190	460,810	239,088	221,722	4,330,000
6	7,294	246,130	253,424	3.0976	276,576	856,723	443,277	254,031	189,246	4,363,000
7	8,177	240,753	248,930	3.0976	281,070	870,644	429,356	268,974	160,382	4,392,000
8	8,305	236,483	244,788	3.0976	285,212	883,472	416,528	283,917	132,611	4,419,000
9	8,139	232,549	240,688	3.0976	289,312	896,174	403,826	298,860	104,966	4,447,000
10	8,415	228,653	237,068	3.0976	292,932	907,385	392,615	313,803	78,812	4,473,000
11	8,395	225,215	233,610	3.0976	296,390	918,098	381,902	328,746	53,156	4,499,000
12	7,427	221,929	229,356	3.0976	300,644	931,274	368,726	343,689	25,037	4,527,000
13	8,439	217,889	226,328	3.0976	303,672	940,656	359,344	358,632	712	4,552,000
14	6,994	215,011	222,005	3.0976	307,995	954,045	345,955	373,575		4,552,000
15	7,197	210,905	218,102	3.0976	311,898	966,135	333,865	388,518		4,552,000
16	6,574	207,197	213,771	3.0976	316,229	979,551	320,449	403,461		4,552,000
17	6,713	203,082	209,795	3.0976	320,205	991,866	308,134	418,404		4,552,000
18	7,753	199,306	207,059	3.0976	322,941	1,000,344	299,656	433,347		4,552,000
19	10,070	196,706	206,776	3.0976	323,224	1,001,220	298,780	448,290		4,552,000
20	12,459	196,437	208,896	3.0976	321,104	994,652	305,348	463,233		4,552,000
21	11,684	198,451	210,135	3.0976	319,865	990,814	309,186	478,176		4,552,000
22	11,367	199,628	210,995	3.0976	319,005	988,149	311,851	493,119		4,552,000
23	11,055	200,446	211,501	3.0976	318,499	986,584	313,416	508,062		4,552,000
24	8,397	200,925	209,322	3.0976	320,678	993,331	306,669	523,005		4,552,000
25	8,978	198,856	207,834	3.0976	322,166	997,940	302,060	537,948		4,552,000
26	9,758	197,443	207,201	3.0976	322,799	999,903	300,097	552,891		4,552,000
27	8,554	196,841	205,395	3.0976	324,605	1,005,498	294,502	567,834		4,552,000
28	8,028	195,125	203,153	3.0976	326,847	1,012,442	287,558	582,777		4,552,000
29	7,900	192,995	200,895	3.0976	329,105	1,019,435	280,565	597,720		4,552,000
30	7,565	190,850	198,415	3.0976	331,585	1,027,116	272,884	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.