

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

FEBRUARY 2003

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 13, 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			
			340,690							
1	10,678	323,655	334,333	1.4240	195,667	278,629	1,021,371			3,531,000
2	11,060	317,617	328,677	1.4596	201,323	293,851	1,006,149			3,546,000
3	10,338	312,243	322,581	1.4952	207,419	310,133	989,867			3,562,000
4	8,454	306,452	314,906	1.5308	215,094	329,266	970,734			3,581,000
5	8,278	299,161	307,439	1.5664	222,561	348,620	951,380			3,601,000
6	9,061	292,067	301,128	1.6020	228,872	366,653	933,347			3,619,000
7	8,907	286,071	294,978	1.6376	235,022	384,872	915,128			3,637,000
8	9,963	280,229	290,192	1.6732	239,808	401,246	898,754			3,653,000
9	9,802	275,683	285,485	1.7088	244,515	417,828	882,172			3,670,000
10	7,462	271,211	278,673	1.7444	251,327	438,416	861,584			3,690,000
11	6,542	264,739	271,281	1.7800	258,719	460,520	839,480			3,713,000
12	6,690	257,717	264,407	1.8156	265,593	482,211	817,789			3,734,000
13	7,288	251,187	258,475	1.8512	271,525	502,648	797,352			3,755,000
14	6,671	245,551	252,222	1.8868	277,778	524,112	775,888			3,776,000
15	9,737	239,611	249,348	1.9224	280,652	539,526	760,474			3,792,000
16	12,611	236,880	249,491	1.9580	280,509	549,236	750,764			3,801,000
17	11,945	237,017	248,962	1.9936	281,038	560,278	739,722			3,812,000
18	10,556	236,514	247,070	2.0292	282,930	574,122	725,878			3,826,000
19	8,829	234,716	243,545	2.0648	286,455	591,472	708,528			3,843,000
20	9,773	231,368	241,141	2.1004	288,859	606,720	693,280			3,859,000
21	8,843	229,084	237,927	2.1360	292,073	623,868	676,132			3,876,000
22	7,365	226,031	233,396	2.1716	296,604	644,106	655,894			3,896,000
23	7,501	221,726	229,227	2.2072	300,773	663,867	636,133			3,916,000
24	8,929	217,765	226,694	2.2428	303,306	680,254	619,746			3,932,000
25	7,749	215,360	223,109	2.2784	306,891	699,221	600,779			3,951,000
26	8,138	211,953	220,091	2.3140	309,909	717,129	582,871			3,969,000
27	7,524	209,087	216,611	2.3496	313,389	736,340	563,660			3,988,000
28	6,813	205,780	212,593	2.3852	317,407	757,079	542,921			4,009,000

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.