

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

MAY 2000

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 15, 2000

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			
			279,362							
1	11,922	265,394	277,316	3.0976	252,684	782,714	517,286	627,606		4,552,000
2	8,431	263,450	271,881	3.0976	258,119	799,549	500,451	642,549		4,552,000
3	7,645	258,287	265,932	3.0976	264,068	817,976	482,024	657,492		4,552,000
4	6,932	252,636	259,568	3.0976	270,432	837,692	462,308	672,435		4,552,000
5	7,099	246,589	253,688	3.0976	276,312	855,903	444,097	687,378		4,552,000
6	7,306	241,004	248,310	3.0976	281,690	872,564	427,436	702,321		4,552,000
7	9,181	235,894	245,075	3.0976	284,925	882,583	417,417	717,264		4,552,000
8	7,745	232,822	240,567	3.0976	289,433	896,549	403,451	732,207		4,552,000
9	7,293	228,538	235,831	3.0976	294,169	911,217	388,783	747,150		4,552,000
10	9,744	224,040	233,784	3.0976	296,216	917,560	382,440	762,093		4,552,000
11	7,447	222,094	229,541	3.0976	300,459	930,700	369,300	777,036		4,552,000
12	8,055	218,064	226,119	3.0976	303,881	941,301	358,699	791,979		4,552,000
13	8,356	214,813	223,169	3.0976	306,831	950,438	349,562	806,922		4,552,000
14	8,830	212,011	220,841	3.0976	309,159	957,651	342,349	821,865		4,552,000
15	8,085	209,799	217,884	3.0976	312,116	966,811	333,189	836,808		4,552,000
16	7,201	206,990	214,191	3.0976	315,809	978,251	321,749	851,751		4,552,000
17	8,954	203,481	212,435	3.0976	317,565	983,689	316,311	866,694		4,552,000
18	7,061	201,813	208,874	3.0976	321,126	994,719	305,281	881,637		4,552,000
19	10,044	198,431	208,475	3.0976	321,525	995,957	304,043	896,580		4,552,000
20	8,375	198,051	206,426	3.0976	323,574	1,002,303	297,697	911,523		4,552,000
21	7,206	196,105	203,311	3.0976	326,689	1,011,953	288,047	926,466		4,552,000
22	7,601	193,145	200,746	3.0976	329,254	1,019,897	280,103	941,409		4,552,000
23	8,633	190,709	199,342	3.0976	330,658	1,024,247	275,753	956,352		4,552,000
24	9,775	189,375	199,150	3.0976	330,850	1,024,842	275,158	971,295		4,552,000
25	9,561	189,192	198,753	3.0976	331,247	1,026,070	273,930	986,238		4,552,000
26	8,297	188,816	197,113	3.0976	332,887	1,031,152	268,848	1,001,181		4,552,000
27	8,886	187,257	196,143	3.0976	333,857	1,034,156	265,844	1,016,124		4,552,000
28	8,594	186,336	194,930	3.0976	335,070	1,037,913	262,087	1,031,067		4,552,000
29	5,434	185,183	190,617	3.0976	339,383	1,051,272	248,728	1,046,010		4,552,000
30	6,182	181,086	187,268	3.0976	342,732	1,061,645	238,355	1,060,953		4,552,000
31	3,744	177,905	181,649	3.0976	348,351	1,079,052	220,948	1,075,896		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.