

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

JANUARY 2004

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 12, 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		
			205,215							
1	28,125	194,955	223,080	0.3168	306,920	97,232	1,202,768			3,349,000
2	17,498	211,926	229,424	0.3520	300,576	105,803	1,194,197			3,358,000
3	14,294	217,952	232,246	0.3872	297,754	115,290	1,184,710			3,367,000
4	12,805	220,634	233,439	0.4224	296,561	125,267	1,174,733			3,377,000
5	7,861	221,767	229,628	0.4576	300,372	137,450	1,162,550			3,389,000
6	7,383	218,147	225,530	0.4928	304,470	150,043	1,149,957			3,402,000
7	8,711	214,253	222,964	0.5280	307,036	162,115	1,137,885			3,414,000
8	11,275	211,816	223,091	0.5632	306,909	172,851	1,127,149			3,425,000
9	15,089	211,936	227,025	0.5984	302,975	181,300	1,118,700			3,433,000
10	15,744	215,674	231,418	0.6336	298,582	189,181	1,110,819			3,441,000
11	13,168	219,847	233,015	0.6688	296,985	198,623	1,101,377			3,451,000
12	11,895	221,365	233,260	0.7040	296,740	208,905	1,091,095			3,461,000
13	10,617	221,597	232,214	0.7392	297,786	220,124	1,079,876			3,472,000
14	11,367	220,603	231,970	0.7744	298,030	230,795	1,069,205			3,483,000
15	11,788	220,371	232,159	0.8096	297,841	241,132	1,058,868			3,493,000
16	13,780	220,551	234,331	0.8448	295,669	249,781	1,050,219			3,502,000
17	12,156	222,615	234,771	0.8800	295,229	259,802	1,040,198			3,512,000
18	11,858	223,032	234,890	0.9152	295,110	270,084	1,029,916			3,522,000
19	9,546	223,146	232,692	0.9504	297,308	282,562	1,017,438			3,535,000
20	9,697	221,057	230,754	0.9856	299,246	294,937	1,005,063			3,547,000
21	6,747	219,216	225,963	1.0208	304,037	310,360	989,640			3,562,000
22	6,097	214,665	220,762	1.0560	309,238	326,555	973,445			3,579,000
23	6,831	209,724	216,555	1.0912	313,445	342,031	957,969			3,594,000
24	7,106	205,727	212,833	1.1264	317,167	357,256	942,744			3,609,000
25	6,735	202,192	208,927	1.1616	321,073	372,959	927,041			3,625,000
26	7,134	198,480	205,614	1.1968	324,386	388,225	911,775			3,640,000
27	7,843	195,334	203,177	1.2320	326,823	402,646	897,354			3,655,000
28	7,146	193,018	200,164	1.2672	329,836	417,968	882,032			3,670,000
29	5,738	190,156	195,894	1.3024	334,106	435,140	864,860			3,687,000
30	7,429	186,099	193,528	1.3376	336,472	450,065	849,935			3,702,000
31	6,072	183,852	189,924	1.3728	340,076	466,857	833,143			3,719,000

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.