

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

JANUARY 2003

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 25, 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			
			392,265							
1	27,068	372,652	399,720	0.3204	130,280	41,742	1,258,258			3,294,000
2	19,213	379,734	398,947	0.3560	131,053	46,655	1,253,345			3,299,000
3	15,442	379,000	394,442	0.3916	135,558	53,085	1,246,915			3,305,000
4	13,526	374,720	388,246	0.4272	141,754	60,557	1,239,443			3,313,000
5	12,362	368,833	381,195	0.4628	148,805	68,867	1,231,133			3,321,000
6	12,452	362,136	374,588	0.4984	155,412	77,458	1,222,542			3,329,000
7	13,027	355,858	368,885	0.5340	161,115	86,035	1,213,965			3,338,000
8	9,328	350,441	359,769	0.5696	170,231	96,964	1,203,036			3,349,000
9	9,928	341,780	351,708	0.6052	178,292	107,902	1,192,098			3,360,000
10	13,097	334,123	347,220	0.6408	182,780	117,125	1,182,875			3,369,000
11	16,109	329,859	345,968	0.6764	184,032	124,479	1,175,521			3,376,000
12	26,725	328,670	355,395	0.7120	174,605	124,319	1,175,681			3,376,000
13	35,919	337,625	373,544	0.7476	156,456	116,967	1,183,033			3,369,000
14	38,183	354,867	393,050	0.7832	136,950	107,259	1,192,741			3,359,000
15	29,243	373,397	402,640	0.8188	127,360	104,282	1,195,718			3,356,000
16	23,003	382,508	405,511	0.8544	124,489	106,363	1,193,637			3,358,000
17	18,284	385,236	403,520	0.8900	126,480	112,568	1,187,432			3,365,000
18	16,759	383,344	400,103	0.9256	129,897	120,233	1,179,767			3,372,000
19	13,330	380,098	393,428	0.9612	136,572	131,273	1,168,727			3,383,000
20	12,189	373,756	385,945	0.9968	144,055	143,594	1,156,406			3,396,000
21	13,680	366,648	380,328	1.0324	149,672	154,521	1,145,479			3,407,000
22	17,319	361,312	378,631	1.0680	151,369	161,663	1,138,337			3,414,000
23	17,749	359,699	377,448	1.1036	152,552	168,356	1,131,644			3,420,000
24	16,921	358,576	375,497	1.1392	154,503	176,010	1,123,990			3,428,000
25	14,130	356,722	370,852	1.1748	159,148	186,967	1,113,033			3,439,000
26	14,157	352,309	366,466	1.2104	163,534	197,941	1,102,059			3,450,000
27	13,714	348,143	361,857	1.2460	168,143	209,506	1,090,494			3,462,000
28	13,088	343,764	356,852	1.2816	173,148	221,906	1,078,094			3,474,000
29	12,940	339,009	351,949	1.3172	178,051	234,528	1,065,472			3,487,000
30	12,228	334,352	346,580	1.3528	183,420	248,131	1,051,869			3,500,000
31	11,439	329,251	340,690	1.3884	189,310	262,838	1,037,162			3,515,000

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.