

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

FEBRUARY 2001

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 23, 2001

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			
			109,441							
1	6,261	103,969	110,230	1.4240	419,770	597,753	702,247			3,850,000
2	5,488	104,718	110,206	1.4596	419,794	612,731	687,269			3,865,000
3	2,429	104,696	107,125	1.4952	420,000	627,984	672,016			3,880,000
4	3,004	101,769	104,773	1.5308	420,000	642,936	657,064			3,895,000
5	5,928	99,534	105,462	1.5664	420,000	657,888	642,112			3,910,000
6	5,452	100,189	105,641	1.6020	420,000	672,840	627,160			3,925,000
7	5,620	100,359	105,979	1.6376	420,000	687,792	612,208			3,940,000
8	5,686	100,680	106,366	1.6732	420,000	702,744	597,256			3,955,000
9	8,164	101,048	109,212	1.7088	420,000	717,696	582,304			3,970,000
10	5,572	103,751	109,323	1.7444	420,000	732,648	567,352			3,985,000
11	7,077	103,857	110,934	1.7800	419,066	745,938	554,062			3,998,000
12	7,053	105,387	112,440	1.8156	417,560	758,121	541,879			4,010,000
13	6,243	106,818	113,061	1.8512	416,939	771,837	528,163			4,024,000
14	7,386	107,408	114,794	1.8868	415,206	783,410	516,590			4,035,000
15	5,961	109,054	115,015	1.9224	414,985	797,766	502,234			4,050,000
16	5,466	109,265	114,731	1.9580	415,269	813,097	486,903			4,065,000
17	6,151	108,994	115,145	1.9936	414,855	827,055	472,945			4,079,000
18	9,935	109,388	119,323	2.0292	410,677	833,346	466,654			4,085,000
19	12,904	113,357	126,261	2.0648	403,739	833,641	466,359			4,086,000
20	23,153	119,948	143,101	2.1004	386,899	812,643	487,357			4,065,000
21	34,288	135,946	170,234	2.1360	359,766	768,461	531,539			4,020,000
22	24,919	161,722	186,641	2.1716	343,359	745,638	554,362			3,998,000
23	16,205	177,309	193,514	2.2072	336,486	742,692	557,308			3,995,000
24	14,575	183,838	198,413	2.2428	331,587	743,683	556,317			3,996,000
25	13,875	188,493	202,368	2.2784	327,632	746,478	553,522			3,998,000
26	12,744	192,249	204,993	2.3140	325,007	752,066	547,934			4,004,000
27	10,682	194,744	205,426	2.3496	324,574	762,620	537,380			4,015,000
28	9,514	195,154	204,668	2.3852	325,332	775,981	524,019			4,028,000

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.