

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

FEBRUARY 2002

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 13, 2002

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			
			222,792							
1	6,345	211,653	217,998	1.4240	312,002	444,291	855,709			3,696,000
2	6,293	207,098	213,391	1.4596	316,609	462,123	837,877			3,714,000
3	5,776	202,721	208,497	1.4952	321,503	480,711	819,289			3,733,000
4	5,210	198,073	203,283	1.5308	326,717	500,139	799,861			3,752,000
5	5,422	193,118	198,540	1.5664	331,460	519,198	780,802			3,771,000
6	4,905	188,613	193,518	1.6020	336,482	539,044	760,956			3,791,000
7	9,350	183,842	193,192	1.6376	336,808	551,556	748,444			3,804,000
8	10,569	183,533	194,102	1.6732	335,898	562,025	737,975			3,814,000
9	8,704	184,397	193,101	1.7088	336,899	575,693	724,307			3,828,000
10	7,822	183,446	191,268	1.7444	338,732	590,885	709,115			3,843,000
11	7,657	181,704	189,361	1.7800	340,639	606,337	693,663			3,858,000
12	6,507	179,893	186,400	1.8156	343,600	623,840	676,160			3,876,000
13	6,951	177,080	184,031	1.8512	345,969	640,457	659,543			3,892,000
14	7,280	174,830	182,110	1.8868	347,890	656,399	643,601			3,908,000
15	7,506	173,004	180,510	1.9224	349,490	671,859	628,141			3,924,000
16	7,902	171,485	179,387	1.9580	350,613	686,501	613,499			3,939,000
17	7,199	170,417	177,616	1.9936	352,384	702,512	597,488			3,955,000
18	7,402	168,736	176,138	2.0292	353,862	718,058	581,942			3,970,000
19	13,571	167,331	180,902	2.0648	349,098	720,818	579,182			3,973,000
20	18,595	171,857	190,452	2.1004	339,548	713,188	586,812			3,965,000
21	15,202	180,929	196,131	2.1360	333,869	713,144	586,856			3,965,000
22	15,430	186,324	201,754	2.1716	328,246	712,818	587,182			3,965,000
23	14,851	191,667	206,518	2.2072	323,482	713,990	586,010			3,966,000
24	13,891	196,192	210,083	2.2428	319,917	717,510	582,490			3,970,000
25	10,020	199,579	209,599	2.2784	320,401	730,002	569,998			3,982,000
26	8,945	199,119	208,064	2.3140	321,936	744,960	555,040			3,997,000
27	11,264	197,661	208,925	2.3496	321,075	754,399	545,601			4,006,000
28	8,556	198,478	207,034	2.3852	322,966	770,338	529,662			4,022,000

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.