

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

JANUARY 2001

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 13, 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			
			97,504							
1	3,682	92,629	96,311	0.3204	420,000	134,568	1,165,432			3,387,000
2	3,991	91,496	95,487	0.3560	420,000	149,520	1,150,480			3,402,000
3	4,553	90,712	95,265	0.3916	420,000	164,472	1,135,528			3,416,000
4	4,655	90,502	95,157	0.4272	420,000	179,424	1,120,576			3,431,000
5	4,729	90,399	95,128	0.4628	420,000	194,376	1,105,624			3,446,000
6	3,804	90,372	94,176	0.4984	420,000	209,328	1,090,672			3,461,000
7	2,337	89,467	91,804	0.5340	420,000	224,280	1,075,720			3,476,000
8	6,448	87,214	93,662	0.5696	420,000	239,232	1,060,768			3,491,000
9	6,110	88,979	95,089	0.6052	420,000	254,184	1,045,816			3,506,000
10	9,758	90,334	100,092	0.6408	420,000	269,136	1,030,864			3,521,000
11	9,313	95,088	104,401	0.6764	420,000	284,088	1,015,912			3,536,000
12	6,797	99,181	105,978	0.7120	420,000	299,040	1,000,960			3,551,000
13	4,930	100,679	105,609	0.7476	420,000	313,992	986,008			3,566,000
14	5,539	100,328	105,867	0.7832	420,000	328,944	971,056			3,581,000
15	5,153	100,574	105,727	0.8188	420,000	343,896	956,104			3,596,000
16	5,146	100,441	105,587	0.8544	420,000	358,848	941,152			3,611,000
17	5,533	100,307	105,840	0.8900	420,000	373,800	926,200			3,626,000
18	4,892	100,548	105,440	0.9256	420,000	388,752	911,248			3,641,000
19	5,636	100,168	105,804	0.9612	420,000	403,704	896,296			3,656,000
20	4,425	100,514	104,939	0.9968	420,000	418,656	881,344			3,671,000
21	3,314	99,692	103,006	1.0324	420,000	433,608	866,392			3,686,000
22	4,320	97,856	102,176	1.0680	420,000	448,560	851,440			3,701,000
23	5,675	97,067	102,742	1.1036	420,000	463,512	836,488			3,716,000
24	6,814	97,605	104,419	1.1392	420,000	478,464	821,536			3,730,000
25	8,179	99,198	107,377	1.1748	420,000	493,416	806,584			3,745,000
26	7,917	102,008	109,925	1.2104	420,000	508,368	791,632			3,760,000
27	5,130	104,429	109,559	1.2460	420,000	523,320	776,680			3,775,000
28	4,137	104,081	108,218	1.2816	420,000	538,272	761,728			3,790,000
29	6,299	102,807	109,106	1.3172	420,000	553,224	746,776			3,805,000
30	6,186	103,651	109,837	1.3528	420,000	568,176	731,824			3,820,000
31	5,096	104,345	109,441	1.3884	420,000	583,128	716,872			3,835,000

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.