

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

JANUARY 2002

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 14, 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			
			243,039							
1	19,402	230,887	250,289	0.3204	279,711	89,620	1,210,380			3,342,000
2	56,705	237,774	294,479	0.3560	235,521	83,845	1,216,155			3,336,000
3	38,098	279,755	317,853	0.3916	212,147	83,077	1,216,923			3,335,000
4	23,759	301,961	325,720	0.4272	204,280	87,269	1,212,731			3,339,000
5	20,468	309,434	329,902	0.4628	200,098	92,606	1,207,394			3,345,000
6	21,070	313,406	334,476	0.4984	195,524	97,449	1,202,551			3,349,000
7	21,118	317,753	338,871	0.5340	191,129	102,063	1,197,937			3,354,000
8	20,273	321,927	342,200	0.5696	187,800	106,971	1,193,029			3,359,000
9	18,166	325,090	343,256	0.6052	186,744	113,017	1,186,983			3,365,000
10	15,899	326,093	341,992	0.6408	188,008	120,475	1,179,525			3,372,000
11	14,111	324,893	339,004	0.6764	190,996	129,190	1,170,810			3,381,000
12	12,433	322,054	334,487	0.7120	195,513	139,206	1,160,794			3,391,000
13	12,324	317,762	330,086	0.7476	199,914	149,456	1,150,544			3,401,000
14	12,243	313,582	325,825	0.7832	204,175	159,910	1,140,090			3,412,000
15	11,973	309,534	321,507	0.8188	208,493	170,714	1,129,286			3,423,000
16	11,135	305,431	316,566	0.8544	213,434	182,358	1,117,642			3,434,000
17	9,176	300,738	309,914	0.8900	220,086	195,877	1,104,123			3,448,000
18	9,194	294,418	303,612	0.9256	226,388	209,544	1,090,456			3,462,000
19	9,128	288,432	297,560	0.9612	232,440	223,422	1,076,578			3,475,000
20	8,013	282,682	290,695	0.9968	239,305	238,540	1,061,460			3,491,000
21	8,991	276,160	285,151	1.0324	244,849	252,782	1,047,218			3,505,000
22	9,130	270,893	280,023	1.0680	249,977	266,975	1,033,025			3,519,000
23	6,971	266,022	272,993	1.1036	257,007	283,633	1,016,367			3,536,000
24	6,073	259,344	265,417	1.1392	264,583	301,413	998,587			3,553,000
25	5,819	252,146	257,965	1.1748	272,035	319,587	980,413			3,572,000
26	7,472	245,067	252,539	1.2104	277,461	335,839	964,161			3,588,000
27	7,567	239,912	247,479	1.2460	282,521	352,022	947,978			3,604,000
28	5,745	235,105	240,850	1.2816	289,150	370,575	929,425			3,623,000
29	6,012	228,807	234,819	1.3172	295,181	388,812	911,188			3,641,000
30	5,837	223,078	228,915	1.3528	301,085	407,307	892,693			3,659,000
31	5,323	217,469	222,792	1.3884	307,208	426,527	873,473			3,679,000

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.