

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

MARCH 2002

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: April 25, 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			
			207,034							
1	8,917	196,683	205,600	2.4208	324,400	785,308	514,692			4,037,000
2	9,782	195,320	205,102	2.4564	324,898	798,080	501,920			4,050,000
3	9,193	194,847	204,040	2.4920	325,960	812,293	487,707			4,064,000
4	8,051	193,838	201,889	2.5276	328,111	829,334	470,666			4,081,000
5	8,018	191,794	199,812	2.5632	330,188	846,337	453,663			4,098,000
6	10,213	189,822	200,035	2.5988	329,965	857,514	442,486			4,110,000
7	12,093	190,033	202,126	2.6344	327,874	863,752	436,248			4,116,000
8	11,283	192,020	203,303	2.6700	326,697	872,282	427,718			4,124,000
9	10,153	193,137	203,290	2.7056	326,710	883,945	416,055			4,136,000
10	12,264	193,126	205,390	2.7412	324,610	889,821	410,179			4,142,000
11	11,489	195,120	206,609	2.7768	323,391	897,991	402,009			4,150,000
12	10,189	196,279	206,468	2.8124	323,532	909,902	390,098			4,162,000
13	9,958	196,145	206,103	2.8480	323,897	922,460	377,540			4,174,000
14	10,494	195,797	206,291	2.8836	323,709	933,446	366,554			4,185,000
15	10,576	195,977	206,553	2.9192	323,447	944,207	355,793			4,196,000
16	9,978	196,225	206,203	2.9548	323,797	956,755	343,245			4,209,000
17	8,593	195,893	204,486	2.9904	325,514	973,417	326,583			4,225,000
18	7,901	194,262	202,163	3.0260	327,837	992,036	307,964			4,244,000
19	7,398	192,055	199,453	3.0616	330,547	1,012,004	287,996			4,264,000
20	6,861	189,480	196,341	3.0972	333,659	1,033,409	266,591			4,285,000
21	6,328	186,524	192,852	3.0972	337,148	1,044,215	255,785	14,943	240,842	4,311,000
22	8,831	183,209	192,040	3.0972	337,960	1,046,729	253,271	29,886	223,385	4,329,000
23	13,192	182,438	195,630	3.0972	334,370	1,035,610	264,390	44,829	219,561	4,333,000
24	10,557	185,849	196,406	3.0972	333,594	1,033,208	266,792	59,772	207,020	4,345,000
25	9,265	186,585	195,850	3.0972	334,150	1,034,928	265,072	74,715	190,357	4,362,000
26	9,154	186,058	195,212	3.0972	334,788	1,036,905	263,095	89,658	173,437	4,379,000
27	8,276	185,451	193,727	3.0972	336,273	1,041,504	258,496	104,601	153,895	4,399,000
28	8,928	184,041	192,969	3.0972	337,031	1,043,852	256,148	119,544	136,604	4,416,000
29	9,301	183,321	192,622	3.0972	337,378	1,044,929	255,071	134,487	120,584	4,431,000
30	10,205	182,990	193,195	3.0972	336,805	1,043,151	256,849	149,430	107,419	4,444,000
31	8,627	183,536	192,163	3.0972	337,837	1,046,350	253,650	164,373	89,277	4,462,000

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.