

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

MARCH 2001

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: April 19, 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			
			204,668							
1	8,908	194,435	203,343	2.4208	326,657	790,772	509,228			4,043,000
2	10,738	193,176	203,914	2.4564	326,086	800,998	499,002			4,053,000
3	7,849	193,718	201,567	2.4920	328,433	818,455	481,545			4,070,000
4	17,961	191,489	209,450	2.5276	320,550	810,223	489,777			4,062,000
5	24,558	198,977	223,535	2.5632	306,465	785,531	514,469			4,038,000
6	15,738	212,358	228,096	2.5988	301,904	784,587	515,413			4,037,000
7	13,325	216,692	230,017	2.6344	299,983	790,276	509,724			4,042,000
8	13,718	218,516	232,234	2.6700	297,766	795,036	504,964			4,047,000
9	12,985	220,622	233,607	2.7056	296,393	801,921	498,079			4,054,000
10	11,038	221,927	232,965	2.7412	297,035	814,233	485,767			4,066,000
11	8,922	221,317	230,239	2.7768	299,761	832,378	467,622			4,084,000
12	8,087	218,727	226,814	2.8124	303,186	852,681	447,319			4,105,000
13	8,903	215,473	224,376	2.8480	305,624	870,417	429,583			4,122,000
14	8,209	213,157	221,366	2.8836	308,634	889,977	410,023			4,142,000
15	8,651	210,298	218,949	2.9192	311,051	908,021	391,979			4,160,000
16	7,432	208,001	215,433	2.9548	314,567	929,482	370,518			4,181,000
17	7,499	204,662	212,161	2.9904	317,839	950,467	349,533			4,202,000
18	6,888	201,553	208,441	3.0260	321,559	973,039	326,961			4,225,000
19	8,522	198,019	206,541	3.0616	323,459	990,303	309,697			4,242,000
20	9,976	196,214	206,190	3.0972	323,810	1,002,906	297,094			4,255,000
21	8,464	195,880	204,344	3.0972	325,656	1,008,621	291,379	14,943	276,436	4,276,000
22	9,661	194,127	203,788	3.0972	326,212	1,010,344	289,656	29,886	259,770	4,292,000
23	12,309	193,599	205,908	3.0972	324,092	1,003,779	296,221	44,829	251,392	4,301,000
24	8,278	195,612	203,890	3.0972	326,110	1,010,027	289,973	59,772	230,201	4,322,000
25	9,279	193,696	202,975	3.0972	327,025	1,012,863	287,137	74,715	212,422	4,340,000
26	10,952	192,826	203,778	3.0972	326,222	1,010,375	289,625	89,658	199,967	4,352,000
27	9,259	193,589	202,848	3.0972	327,152	1,013,255	286,745	104,601	182,144	4,370,000
28	8,696	192,706	201,402	3.0972	328,598	1,017,735	282,265	119,544	162,721	4,389,000
29	9,360	191,332	200,692	3.0972	329,308	1,019,934	280,066	134,487	145,579	4,406,000
30	9,429	190,657	200,086	3.0972	329,914	1,021,810	278,190	149,430	128,760	4,423,000
31	9,662	190,082	199,744	3.0972	330,256	1,022,870	277,130	164,373	112,757	4,439,000

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.