

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

FEBRUARY 2000

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 14, 2000

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			
			264,530							
1	13,958	251,304	265,262	1.4080	264,738	372,751	927,249			3,625,000
2	14,114	251,999	266,113	1.4432	263,887	380,842	919,158			3,633,000
3	13,247	252,807	266,054	1.4784	263,946	390,217	909,783			3,642,000
4	12,562	252,752	265,314	1.5136	264,686	400,629	899,371			3,653,000
5	19,268	252,048	271,316	1.5488	258,684	400,650	899,350			3,653,000
6	22,696	257,750	280,446	1.5840	249,554	395,293	904,707			3,647,000
7	16,890	266,424	283,314	1.6192	246,686	399,434	900,566			3,651,000
8	15,113	269,148	284,261	1.6544	245,739	406,551	893,449			3,659,000
9	12,650	270,048	282,698	1.6896	247,302	417,841	882,159			3,670,000
10	14,694	268,563	283,257	1.7248	246,743	425,582	874,418			3,678,000
11	22,723	269,094	291,817	1.7600	238,183	419,202	880,798			3,671,000
12	35,195	277,226	312,421	1.7952	217,579	390,597	909,403			3,643,000
13	49,763	296,800	346,563	1.8304	183,437	335,763	964,237			3,588,000
14	73,332	329,235	402,567	1.8656	127,433	237,739	1,062,261			3,490,000
15	39,925	382,439	422,364	1.9008	107,636	204,595	1,095,405			3,457,000
16	29,786	401,246	431,032	1.9360	98,968	191,603	1,108,397			3,444,000
17	23,499	409,480	432,979	1.9712	97,021	191,248	1,108,752			3,443,000
18	20,717	411,330	432,047	2.0064	97,953	196,533	1,103,467			3,449,000
19	16,402	410,445	426,847	2.0416	103,153	210,598	1,089,402			3,463,000
20	16,939	405,504	422,443	2.0768	107,557	223,374	1,076,626			3,475,000
21	17,016	401,321	418,337	2.1120	111,663	235,832	1,064,168			3,488,000
22	29,161	397,420	426,581	2.1472	103,419	222,061	1,077,939			3,474,000
23	32,418	405,252	437,670	2.1824	92,330	201,500	1,098,500			3,454,000
24	24,172	415,787	439,959	2.2176	90,041	199,675	1,100,325			3,452,000
25	20,947	417,961	438,908	2.2528	91,092	205,212	1,094,788			3,457,000
26	37,116	416,962	454,078	2.2880	75,922	173,709	1,126,291			3,426,000
27	54,464	431,375	485,839	2.3232	44,161	102,596	1,197,404			3,355,000
28	40,057	461,547	501,604	2.3584	28,396	66,970	1,233,030			3,319,000
29	40,882	476,523	517,405	2.3936	12,595	30,146	1,269,854			3,282,000

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.