

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

JANUARY 2000

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 2, 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		
			102,568							
1	4,122	97,440	101,562	0.3168	420,000	133,056	1,166,944			3,385,000
2	5,121	96,483	101,604	0.3520	420,000	147,840	1,152,160			3,400,000
3	4,647	96,524	101,171	0.3872	420,000	162,624	1,137,376			3,415,000
4	5,281	96,113	101,394	0.4224	420,000	177,408	1,122,592			3,429,000
5	4,214	96,324	100,538	0.4576	420,000	192,192	1,107,808			3,444,000
6	4,712	95,511	100,223	0.4928	420,000	206,976	1,093,024			3,459,000
7	5,515	95,212	100,727	0.5280	420,000	221,760	1,078,240			3,474,000
8	4,340	95,691	100,031	0.5632	420,000	236,544	1,063,456			3,489,000
9	3,911	95,029	98,940	0.5984	420,000	251,328	1,048,672			3,503,000
10	6,087	93,993	100,080	0.6336	420,000	266,112	1,033,888			3,518,000
11	12,009	95,076	107,085	0.6688	420,000	280,896	1,019,104			3,533,000
12	7,581	101,731	109,312	0.7040	420,000	295,680	1,004,320			3,548,000
13	9,524	103,846	113,370	0.7392	416,630	307,973	992,027			3,560,000
14	19,090	107,702	126,792	0.7744	403,208	312,245	987,755			3,564,000
15	30,102	120,452	150,554	0.8096	379,446	307,199	992,801			3,559,000
16	33,200	143,026	176,226	0.8448	353,774	298,868	1,001,132			3,551,000
17	19,103	167,415	186,518	0.8800	343,482	302,264	997,736			3,554,000
18	15,728	177,192	192,920	0.9152	337,080	308,495	991,505			3,560,000
19	18,353	183,274	201,627	0.9504	328,373	312,086	987,914			3,564,000
20	24,998	191,546	216,544	0.9856	313,456	308,942	991,058			3,561,000
21	18,686	205,717	224,403	1.0208	305,597	311,954	988,046			3,564,000
22	15,670	213,182	228,852	1.0560	301,148	318,012	981,988			3,570,000
23	17,448	217,410	234,858	1.0912	295,142	322,059	977,941			3,574,000
24	22,618	223,115	245,733	1.1264	284,267	320,198	979,802			3,572,000
25	22,137	233,446	255,583	1.1616	274,417	318,762	981,238			3,571,000
26	17,556	242,804	260,360	1.1968	269,640	322,705	977,295			3,575,000
27	14,605	247,342	261,947	1.2320	268,053	330,241	969,759			3,582,000
28	12,781	248,850	261,631	1.2672	268,369	340,077	959,923			3,592,000
29	12,275	248,549	260,824	1.3024	269,176	350,574	949,426			3,603,000
30	14,848	247,783	262,631	1.3376	267,369	357,633	942,367			3,610,000
31	15,031	249,499	264,530	1.3728	265,470	364,437	935,563			3,616,000

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.