

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

JANUARY 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: May 17, 2006

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3)	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM	COLS	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
1	2	3	4	5	6	7	8			
			453,602							
1	62,167	430,922	493,089	0.3204	36,911	11,826	1,288,174			3,264,000
2	56,845	468,435	525,280	0.3560	4,720	1,680	1,298,320			3,254,000
3	48,894	499,016	547,910	0.3916			1,300,000			3,252,000
4	45,617	520,514	566,131	0.4272			1,300,000			3,252,000
5	34,783	537,825	572,608	0.4628			1,300,000			3,252,000
6	26,973	543,977	570,950	0.4984			1,300,000			3,252,000
7	23,442	542,403	565,845	0.5340			1,300,000			3,252,000
8	20,201	537,553	557,754	0.5696			1,300,000			3,252,000
9	19,154	529,866	549,020	0.6052			1,300,000			3,252,000
10	19,307	521,569	540,876	0.6408			1,300,000			3,252,000
11	20,313	513,832	534,145	0.6764			1,300,000			3,252,000
12	17,041	507,438	524,479	0.7120	5,521	3,931	1,296,069			3,256,000
13	17,050	498,255	515,305	0.7476	14,695	10,986	1,289,014			3,263,000
14	24,060	489,540	513,600	0.7832	16,400	12,845	1,287,155			3,265,000
15	20,639	487,920	508,559	0.8188	21,441	17,556	1,282,444			3,270,000
16	17,791	483,131	500,922	0.8544	29,078	24,844	1,275,156			3,277,000
17	18,212	475,876	494,088	0.8900	35,912	31,962	1,268,038			3,284,000
18	20,436	469,383	489,819	0.9256	40,181	37,191	1,262,809			3,289,000
19	18,161	465,328	483,489	0.9612	46,511	44,706	1,255,294			3,297,000
20	17,319	459,315	476,634	0.9968	53,366	53,195	1,246,805			3,305,000
21	15,227	452,802	468,029	1.0324	61,971	63,979	1,236,021			3,316,000
22	14,258	444,628	458,886	1.0680	71,114	75,950	1,224,050			3,328,000
23	13,419	435,941	449,360	1.1036	80,640	88,994	1,211,006			3,341,000
24	12,100	426,892	438,992	1.1392	91,008	103,676	1,196,324			3,356,000
25	12,014	417,043	429,057	1.1748	100,943	118,588	1,181,412			3,371,000
26	12,941	407,604	420,545	1.2104	109,455	132,484	1,167,516			3,384,000
27	12,139	399,518	411,657	1.2460	118,343	147,456	1,152,544			3,399,000
28	18,036	391,074	409,110	1.2816	120,890	154,933	1,145,067			3,407,000
29	18,094	388,654	406,748	1.3172	123,252	162,347	1,137,653			3,414,000
30	21,420	386,411	407,831	1.3528	122,169	165,270	1,134,730			3,417,000
31	21,213	387,439	408,652	1.3884	121,348	168,479	1,131,521			3,420,000

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.