

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

DECEMBER 2005

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 14, 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		
			92,104							
1	16,386	87,499	103,885							3,252,000
2	10,726	98,691	109,417							3,252,000
3	7,090	103,946	111,036							3,252,000
4	5,385	105,484	110,869							3,252,000
5	4,537	105,326	109,863							3,252,000
6	3,363	104,370	107,733							3,252,000
7	4,710	102,346	107,056							3,252,000
8	4,604	101,703	106,307							3,252,000
9	3,820	100,992	104,812							3,252,000
10	4,096	99,571	103,667							3,252,000
11	3,979	98,484	102,463							3,252,000
12	4,161	97,340	101,501							3,252,000
13	4,017	96,426	100,443							3,252,000
14	3,643	95,421	99,064							3,252,000
15	4,187	94,110	98,297							3,252,000
16	3,864	93,383	97,247							3,252,000
17	5,182	92,384	97,566							3,252,000
18	8,672	92,688	101,360							3,252,000
19	21,365	96,292	117,657							3,252,000
20	20,100	111,774	131,874							3,252,000
21	23,785	125,280	149,065							3,252,000
22	38,520	141,612	180,132							3,252,000
23	32,027	171,125	203,152							3,252,000
24	21,837	192,995	214,832	0.0356	315,168	11,220	1,288,780			3,263,000
25	23,203	204,090	227,293	0.0712	302,707	21,553	1,278,447			3,274,000
26	33,457	215,929	249,386	0.1068	280,614	29,970	1,270,030			3,282,000
27	39,356	236,916	276,272	0.1424	253,728	36,131	1,263,869			3,288,000
28	69,007	262,459	331,466	0.1780	198,534	35,339	1,264,661			3,287,000
29	43,072	314,892	357,964	0.2136	172,036	36,747	1,263,253			3,289,000
30	53,853	340,066	393,919	0.2492	136,081	33,911	1,266,089			3,286,000
31	79,379	374,223	453,602	0.2848	76,398	21,758	1,278,242			3,274,000

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