

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

FEBRUARY 2008

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: May 8, 2008

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			
			166,904							
1	9,681	158,559	168,240	1.4080	361,760	509,358	790,642			3,761,000
2	11,598	159,828	171,426	1.4432	358,574	517,494	782,506			3,769,000
3	11,185	162,855	174,040	1.4784	355,960	526,252	773,748			3,778,000
4	8,855	165,338	174,193	1.5136	355,807	538,550	761,450			3,791,000
5	8,111	165,483	173,594	1.5488	356,406	552,002	747,998			3,804,000
6	6,506	164,914	171,420	1.5840	358,580	567,990	732,010			3,820,000
7	6,850	162,849	169,699	1.6192	360,301	583,399	716,601			3,835,000
8	6,623	161,214	167,837	1.6544	362,163	599,162	700,838			3,851,000
9	6,459	159,445	165,904	1.6896	364,096	615,176	684,824			3,867,000
10	7,457	157,609	165,066	1.7248	364,934	629,438	670,562			3,881,000
11	7,623	156,813	164,436	1.7600	365,564	643,393	656,607			3,895,000
12	7,935	156,214	164,149	1.7952	365,851	656,775	643,225			3,909,000
13	8,861	155,942	164,803	1.8304	365,197	668,457	631,543			3,920,000
14	9,384	156,563	165,947	1.8656	364,053	679,178	620,822			3,931,000
15	7,298	157,649	164,947	1.9008	365,053	693,892	606,108			3,946,000
16	7,537	156,700	164,237	1.9360	365,763	708,117	591,883			3,960,000
17	7,882	156,025	163,907	1.9712	366,093	721,643	578,357			3,974,000
18	7,337	155,712	163,049	2.0064	366,951	736,251	563,749			3,988,000
19	7,992	154,896	162,888	2.0416	367,112	749,495	550,505			4,001,000
20	7,136	154,744	161,880	2.0768	368,120	764,512	535,488			4,017,000
21	11,367	153,786	165,153	2.1120	364,847	770,557	529,443			4,023,000
22	12,055	156,895	168,950	2.1472	361,050	775,246	524,754			4,027,000
23	12,766	160,503	173,269	2.1824	356,731	778,530	521,470			4,031,000
24	26,567	164,605	191,172	2.2176	338,828	751,384	548,616			4,003,000
25	23,417	181,614	205,031	2.2528	324,969	732,091	567,909			3,984,000
26	16,418	194,779	211,197	2.2880	318,803	729,421	570,579			3,981,000
27	13,594	200,637	214,231	2.3232	315,769	733,594	566,406			3,986,000
28	13,325	203,520	216,845	2.3584	313,155	738,546	561,454			3,991,000
29	11,260	206,002	217,262	2.3936	312,738	748,569	551,431			4,001,000

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.