

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

APRIL 2007

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 18, 2007

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		
			168,023							
1	6,501	159,622	166,123	3.0972	363,877	1,127,000	173,000	179,316		4,552,000
2	6,366	157,817	164,183	3.0972	365,817	1,133,009	166,991	194,259		4,552,000
3	6,429	155,974	162,403	3.0972	367,597	1,138,522	161,478	209,202		4,552,000
4	6,421	154,283	160,704	3.0972	369,296	1,143,785	156,215	224,145		4,552,000
5	5,738	152,668	158,406	3.0972	371,594	1,150,900	149,100	239,088		4,552,000
6	5,332	150,486	155,818	3.0972	374,182	1,158,916	141,084	254,031		4,552,000
7	5,200	148,027	153,227	3.0972	376,773	1,166,941	133,059	268,974		4,552,000
8	4,418	145,566	149,984	3.0972	380,016	1,176,986	123,014	283,917		4,552,000
9	7,211	142,485	149,696	3.0972	380,304	1,177,879	122,121	298,860		4,552,000
10	5,457	142,211	147,668	3.0972	382,332	1,184,159	115,841	313,803		4,552,000
11	5,574	140,284	145,858	3.0972	384,142	1,189,763	110,237	328,746		4,552,000
12	5,453	138,566	144,019	3.0972	385,981	1,195,462	104,538	343,689		4,552,000
13	5,963	136,818	142,781	3.0972	387,219	1,199,296	100,704	358,632		4,552,000
14	5,803	135,642	141,445	3.0972	388,555	1,203,434	96,566	373,575		4,552,000
15	5,057	134,372	139,429	3.0972	390,571	1,209,675	90,325	388,518		4,552,000
16	4,805	132,458	137,263	3.0972	392,737	1,216,385	83,615	403,461		4,552,000
17	5,487	130,400	135,887	3.0972	394,113	1,220,648	79,352	418,404		4,552,000
18	4,740	129,092	133,832	3.0972	396,168	1,227,010	72,990	433,347		4,552,000
19	5,243	127,141	132,384	3.0972	397,616	1,231,497	68,503	448,290		4,552,000
20	4,977	125,765	130,742	3.0972	399,258	1,236,583	63,417	463,233		4,552,000
21	7,086	124,204	131,290	3.0972	398,710	1,234,883	65,117	478,176		4,552,000
22	6,780	124,726	131,506	3.0972	398,494	1,234,216	65,784	493,119		4,552,000
23	5,463	124,931	130,394	3.0972	399,606	1,237,661	62,339	508,062		4,552,000
24	5,807	123,874	129,681	3.0972	400,319	1,239,868	60,132	523,005		4,552,000
25	5,993	123,197	129,190	3.0972	400,810	1,241,389	58,611	537,948		4,552,000
26	5,747	122,730	128,477	3.0972	401,523	1,243,596	56,404	552,891		4,552,000
27	5,397	122,054	127,451	3.0972	402,549	1,246,776	53,224	567,834		4,552,000
28	5,736	121,078	126,814	3.0972	403,186	1,248,748	51,252	582,777		4,552,000
29	5,744	120,473	126,217	3.0972	403,783	1,250,596	49,404	597,720		4,552,000
30	5,365	119,906	125,271	3.0972	404,729	1,253,525	46,475	612,663		4,552,000

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