

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

JANUARY 2007

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: May 16, 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		
			151,871							
1	6,033	144,277	150,310	0.3204	379,690	121,653	1,178,347			3,374,000
2	5,427	142,795	148,222	0.3560	381,778	135,913	1,164,087			3,388,000
3	6,952	140,811	147,763	0.3916	382,237	149,684	1,150,316			3,402,000
4	8,208	140,375	148,583	0.4272	381,417	162,942	1,137,058			3,415,000
5	6,155	141,153	147,308	0.4628	382,692	177,110	1,122,890			3,429,000
6	6,112	139,943	146,055	0.4984	383,945	191,358	1,108,642			3,443,000
7	5,826	138,752	144,578	0.5340	385,422	205,815	1,094,185			3,458,000
8	5,639	137,349	142,988	0.5696	387,012	220,442	1,079,558			3,472,000
9	5,615	135,839	141,454	0.6052	388,546	235,148	1,064,852			3,487,000
10	4,677	134,381	139,058	0.6408	390,942	250,515	1,049,485			3,503,000
11	5,283	132,105	137,388	0.6764	392,612	265,563	1,034,437			3,518,000
12	4,821	130,519	135,340	0.7120	394,660	280,998	1,019,002			3,533,000
13	5,041	128,573	133,614	0.7476	396,386	296,338	1,003,662			3,548,000
14	5,209	126,933	132,142	0.7832	397,858	311,602	988,398			3,564,000
15	5,071	125,535	130,606	0.8188	399,394	327,024	972,976			3,579,000
16	5,684	124,076	129,760	0.8544	400,240	341,965	958,035			3,594,000
17	4,646	123,272	127,918	0.8900	402,082	357,853	942,147			3,610,000
18	4,791	121,522	126,313	0.9256	403,687	373,653	926,347			3,626,000
19	4,964	119,997	124,961	0.9612	405,039	389,323	910,677			3,641,000
20	4,483	118,713	123,196	0.9968	406,804	405,502	894,498			3,658,000
21	4,475	117,036	121,511	1.0324	408,489	421,724	878,276			3,674,000
22	4,499	115,436	119,935	1.0680	410,065	437,950	862,050			3,690,000
23	4,882	113,938	118,820	1.1036	411,180	453,778	846,222			3,706,000
24	4,988	112,879	117,867	1.1392	412,133	469,502	830,498			3,722,000
25	4,467	111,974	116,441	1.1748	413,559	485,849	814,151			3,738,000
26	3,835	110,619	114,454	1.2104	415,546	502,977	797,023			3,755,000
27	3,953	108,731	112,684	1.2460	417,316	519,976	780,024			3,772,000
28	4,562	107,050	111,612	1.2816	418,388	536,206	763,794			3,788,000
29	4,349	106,031	110,380	1.3172	419,620	552,723	747,277			3,805,000
30	4,530	104,861	109,391	1.3528	420,000	568,176	731,824			3,820,000
31	4,099	103,922	108,021	1.3884	420,000	583,128	716,872			3,835,000

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.