

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

MAY 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 10, 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			
			520,418							
1	20,989	494,397	515,386	3.0972	14,614	45,263	1,254,737	627,606	627,131	3,925,000
2	19,615	489,617	509,232	3.0972	20,768	64,324	1,235,676	642,549	593,127	3,959,000
3	18,953	483,770	502,723	3.0972	27,277	84,482	1,215,518	657,492	558,026	3,993,000
4	17,971	477,587	495,558	3.0972	34,442	106,674	1,193,326	672,435	520,891	4,031,000
5	17,796	470,780	488,576	3.0972	41,424	128,298	1,171,702	687,378	484,324	4,067,000
6	17,841	464,147	481,988	3.0972	48,012	148,702	1,151,298	702,321	448,977	4,103,000
7	17,161	457,889	475,050	3.0972	54,950	170,192	1,129,808	717,264	412,544	4,139,000
8	16,334	451,297	467,631	3.0972	62,369	193,168	1,106,832	732,207	374,625	4,177,000
9	15,424	444,250	459,674	3.0972	70,326	217,814	1,082,186	747,150	335,036	4,217,000
10	15,011	436,690	451,701	3.0972	78,299	242,507	1,057,493	762,093	295,400	4,257,000
11	15,389	429,116	444,505	3.0972	85,495	264,795	1,035,205	777,036	258,169	4,294,000
12	15,593	422,280	437,873	3.0972	92,127	285,336	1,014,664	791,979	222,685	4,329,000
13	14,926	415,979	430,905	3.0972	99,095	306,917	993,083	806,922	186,161	4,366,000
14	15,224	409,360	424,584	3.0972	105,416	326,495	973,505	821,865	151,640	4,400,000
15	15,400	403,355	418,755	3.0972	111,245	344,549	955,451	836,808	118,643	4,434,000
16	16,232	397,817	414,049	3.0972	115,951	359,124	940,876	851,751	89,125	4,463,000
17	15,989	393,346	409,335	3.0972	120,665	373,722	926,278	866,694	59,584	4,493,000
18	14,968	388,869	403,837	3.0972	126,163	390,753	909,247	881,637	27,610	4,525,000
19	17,353	383,645	400,998	3.0972	129,002	399,545	900,455	896,580	3,875	4,549,000
20	18,177	380,948	399,125	3.0972	130,875	405,346	894,654	911,523		4,552,000
21	16,456	379,169	395,625	3.0972	134,375	416,187	883,813	926,466		4,552,000
22	17,174	375,844	393,018	3.0972	136,982	424,262	875,738	941,409		4,552,000
23	16,023	373,367	389,390	3.0972	140,610	435,498	864,502	956,352		4,552,000
24	14,565	369,920	384,485	3.0972	145,515	450,689	849,311	971,295		4,552,000
25	12,719	365,261	377,980	3.0972	152,020	470,837	829,163	986,238		4,552,000
26	11,700	359,081	370,781	3.0972	159,219	493,133	806,867	1,001,181		4,552,000
27	11,936	352,242	364,178	3.0972	165,822	513,584	786,416	1,016,124		4,552,000
28	11,358	345,969	357,327	3.0972	172,673	534,803	765,197	1,031,067		4,552,000
29	11,184	339,461	350,645	3.0972	179,355	555,500	744,500	1,046,010		4,552,000
30	9,358	333,112	342,470	3.0972	187,530	580,817	719,183	1,060,953		4,552,000
31	8,324	325,347	333,671	3.0972	196,329	608,071	691,929	1,075,896		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