

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

MAY 2005

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 26, 2005

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			
			201,222							
1	8,013	191,160	199,173	3.0972	330,827	1,024,636	275,364	627,606		4,552,000
2	8,301	189,215	197,516	3.0972	332,484	1,029,770	270,230	642,549		4,552,000
3	8,030	187,640	195,670	3.0972	334,330	1,035,487	264,513	657,492		4,552,000
4	9,285	185,886	195,171	3.0972	334,829	1,037,031	262,969	672,435		4,552,000
5	12,721	185,413	198,134	3.0972	331,866	1,027,856	272,144	687,378		4,552,000
6	11,908	188,227	200,135	3.0972	329,865	1,021,657	278,343	702,321		4,552,000
7	12,581	190,128	202,709	3.0972	327,291	1,013,684	286,316	717,264		4,552,000
8	24,085	192,574	216,659	3.0972	313,341	970,480	329,520	732,207		4,552,000
9	39,247	205,826	245,073	3.0972	284,927	882,476	417,524	747,150		4,552,000
10	29,213	232,819	262,032	3.0972	267,968	829,949	470,051	762,093		4,552,000
11	22,077	248,931	271,008	3.0972	258,992	802,151	497,849	777,036		4,552,000
12	19,467	257,457	276,924	3.0972	253,076	783,826	516,174	791,979		4,552,000
13	16,865	263,078	279,943	3.0972	250,057	774,476	525,524	806,922		4,552,000
14	17,388	265,946	283,334	3.0972	246,666	763,974	536,026	821,865		4,552,000
15	16,815	269,167	285,982	3.0972	244,018	755,772	544,228	836,808		4,552,000
16	24,523	271,683	296,206	3.0972	233,794	724,106	575,894	851,751		4,552,000
17	16,793	281,396	298,189	3.0972	231,811	717,965	582,035	866,694		4,552,000
18	30,562	283,279	313,841	3.0972	216,159	669,486	630,514	881,637		4,552,000
19	33,808	298,149	331,957	3.0972	198,043	613,378	686,622	896,580		4,552,000
20	27,058	315,359	342,417	3.0972	187,583	580,981	719,019	911,523		4,552,000
21	21,298	325,297	346,595	3.0972	183,405	568,043	731,957	926,466		4,552,000
22	20,027	329,265	349,292	3.0972	180,708	559,689	740,311	941,409		4,552,000
23	18,849	331,827	350,676	3.0972	179,324	555,401	744,599	956,352		4,552,000
24	15,886	333,142	349,028	3.0972	180,972	560,505	739,495	971,295		4,552,000
25	14,704	331,577	346,281	3.0972	183,719	569,014	730,986	986,238		4,552,000
26	14,765	328,967	343,732	3.0972	186,268	576,909	723,091	1,001,181		4,552,000
27	13,709	326,545	340,254	3.0972	189,746	587,680	712,320	1,016,124		4,552,000
28	13,399	323,242	336,641	3.0972	193,359	598,872	701,128	1,031,067		4,552,000
29	11,179	319,809	330,988	3.0972	199,012	616,381	683,619	1,046,010		4,552,000
30	11,578	314,438	326,016	3.0972	203,984	631,778	668,222	1,060,953		4,552,000
31	9,247	309,715	318,962	3.0972	211,038	653,626	646,374	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