

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

APRIL 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 9, 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			
			424,121							
1	31,981	402,915	434,896	3.0972	95,104	294,555	1,005,445	179,316	826,129	3,726,000
2	31,382	413,152	444,534	3.0972	85,466	264,707	1,035,293	194,259	841,034	3,711,000
3	38,413	422,307	460,720	3.0972	69,280	214,575	1,085,425	209,202	876,223	3,676,000
4	35,211	437,684	472,895	3.0972	57,105	176,866	1,123,134	224,145	898,989	3,653,000
5	30,072	449,250	479,322	3.0972	50,678	156,960	1,143,040	239,088	903,952	3,648,000
6	29,443	455,356	484,799	3.0972	45,201	139,997	1,160,003	254,031	905,972	3,646,000
7	27,362	460,559	487,921	3.0972	42,079	130,327	1,169,673	268,974	900,699	3,651,000
8	29,253	463,525	492,778	3.0972	37,222	115,284	1,184,716	283,917	900,799	3,651,000
9	29,514	468,139	497,653	3.0972	32,347	100,185	1,199,815	298,860	900,955	3,651,000
10	28,317	472,770	501,087	3.0972	28,913	89,548	1,210,452	313,803	896,649	3,656,000
11	37,910	476,033	513,943	3.0972	16,057	49,732	1,250,268	328,746	921,522	3,631,000
12	58,942	488,246	547,188	3.0972			1,300,000	343,689	956,311	3,596,000
13	43,269	519,829	563,098	3.0972			1,300,000	358,632	941,368	3,611,000
14	34,282	534,943	569,225	3.0972			1,300,000	373,575	926,425	3,626,000
15	35,473	540,763	576,236	3.0972			1,300,000	388,518	911,482	3,641,000
16	35,936	547,425	583,361	3.0972			1,300,000	403,461	896,539	3,655,000
17	29,655	554,193	583,848	3.0972			1,300,000	418,404	881,596	3,670,000
18	27,216	554,655	581,871	3.0972			1,300,000	433,347	866,653	3,685,000
19	26,476	552,778	579,254	3.0972			1,300,000	448,290	851,710	3,700,000
20	24,997	550,291	575,288	3.0972			1,300,000	463,233	836,767	3,715,000
21	24,114	546,524	570,638	3.0972			1,300,000	478,176	821,824	3,730,000
22	23,711	542,106	565,817	3.0972			1,300,000	493,119	806,881	3,745,000
23	21,754	537,526	559,280	3.0972			1,300,000	508,062	791,938	3,760,000
24	21,373	531,316	552,689	3.0972			1,300,000	523,005	776,995	3,775,000
25	20,684	525,054	545,738	3.0972			1,300,000	537,948	762,052	3,790,000
26	20,602	518,451	539,053	3.0972			1,300,000	552,891	747,109	3,805,000
27	21,273	512,101	533,374	3.0972			1,300,000	567,834	732,166	3,820,000
28	21,471	506,705	528,176	3.0972	1,824	5,649	1,294,351	582,777	711,574	3,841,000
29	22,522	501,767	524,289	3.0972	5,711	17,687	1,282,313	597,720	684,593	3,868,000
30	22,343	498,075	520,418	3.0972	9,582	29,678	1,270,322	612,663	657,659	3,895,000

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