

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

MARCH 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 25, 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			
			317,118							
1	29,100	301,262	330,362	2.4208	199,638	483,284	816,716			3,735,000
2	25,280	313,844	339,124	2.4564	190,876	468,869	831,131			3,721,000
3	23,907	322,167	346,074	2.4920	183,926	458,342	841,658			3,710,000
4	21,007	328,771	349,778	2.5276	180,222	455,530	844,470			3,708,000
5	30,305	332,289	362,594	2.5632	167,406	429,095	870,905			3,681,000
6	29,876	344,464	374,340	2.5988	155,660	404,529	895,471			3,657,000
7	30,604	355,623	386,227	2.6344	143,773	378,755	921,245			3,631,000
8	24,401	366,916	391,317	2.6700	138,683	370,284	929,716			3,622,000
9	20,518	371,751	392,269	2.7056	137,731	372,645	927,355			3,625,000
10	18,675	372,656	391,331	2.7412	138,669	380,121	919,879			3,632,000
11	16,590	371,764	388,354	2.7768	141,646	393,323	906,677			3,645,000
12	15,843	368,936	384,779	2.8124	145,221	408,419	891,581			3,660,000
13	16,470	365,540	382,010	2.8480	147,990	421,475	878,525			3,673,000
14	17,257	362,910	380,167	2.8836	149,833	432,059	867,941			3,684,000
15	16,884	361,158	378,042	2.9192	151,958	443,594	856,406			3,696,000
16	24,896	359,140	384,036	2.9548	145,964	431,293	868,707			3,683,000
17	25,661	364,835	390,496	2.9904	139,504	417,174	882,826			3,669,000
18	21,256	370,971	392,227	3.0260	137,773	416,902	883,098			3,669,000
19	18,441	372,615	391,056	3.0616	138,944	425,390	874,610			3,677,000
20	18,084	371,504	389,588	3.0972	140,412	434,885	865,115			3,687,000
21	16,997	370,108	387,105	3.0972	142,895	442,574	857,426	14,943	842,483	3,710,000
22	15,889	367,750	383,639	3.0972	146,361	453,309	846,691	29,886	816,805	3,735,000
23	15,087	364,457	379,544	3.0972	150,456	465,992	834,008	44,829	789,179	3,763,000
24	18,652	360,567	379,219	3.0972	150,781	467,000	833,000	59,772	773,228	3,779,000
25	26,876	360,258	387,134	3.0972	142,866	442,485	857,515	74,715	782,800	3,769,000
26	23,990	367,777	391,767	3.0972	138,233	428,135	871,865	89,658	782,207	3,770,000
27	22,503	372,179	394,682	3.0972	135,318	419,107	880,893	104,601	776,292	3,776,000
28	26,757	374,948	401,705	3.0972	128,295	397,356	902,644	119,544	783,100	3,769,000
29	27,803	381,619	409,422	3.0972	120,578	373,453	926,547	134,487	792,060	3,759,000
30	25,088	388,951	414,039	3.0972	115,961	359,153	940,847	149,430	791,417	3,760,000
31	30,784	393,337	424,121	3.0972	105,879	327,927	972,073	164,373	807,700	3,744,000

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