

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

MARCH 2007

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 7, 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		
			216,652							
1	10,854	205,819	216,673	2.4208	313,327	758,502	541,498			4,011,000
2	10,710	205,839	216,549	2.4564	313,451	769,960	530,040			4,022,000
3	9,591	205,722	215,313	2.4920	314,687	784,200	515,800			4,036,000
4	9,104	204,547	213,651	2.5276	316,349	799,603	500,397			4,052,000
5	8,032	202,969	211,001	2.5632	318,999	817,659	482,341			4,070,000
6	8,261	200,451	208,712	2.5988	321,288	834,964	465,036			4,087,000
7	10,341	198,276	208,617	2.6344	321,383	846,651	453,349			4,099,000
8	9,305	198,186	207,491	2.6700	322,509	861,098	438,902			4,113,000
9	8,827	197,117	205,944	2.7056	324,056	876,767	423,233			4,129,000
10	9,130	195,647	204,777	2.7412	325,223	891,503	408,497			4,144,000
11	9,399	194,538	203,937	2.7768	326,063	905,413	394,587			4,157,000
12	8,710	193,740	202,450	2.8124	327,550	921,202	378,798			4,173,000
13	10,520	192,327	202,847	2.8480	327,153	931,731	368,269			4,184,000
14	9,474	192,705	202,179	2.8836	327,821	945,305	354,695			4,197,000
15	8,565	192,070	200,635	2.9192	329,365	961,482	338,518			4,213,000
16	8,488	190,603	199,091	2.9548	330,909	977,769	322,231			4,230,000
17	7,894	189,137	197,031	2.9904	332,969	995,711	304,289			4,248,000
18	8,171	187,179	195,350	3.0260	334,650	1,012,650	287,350			4,265,000
19	7,468	185,583	193,051	3.0616	336,949	1,031,604	268,396			4,284,000
20	7,283	183,398	190,681	3.0972	339,319	1,050,938	249,062			4,303,000
21	7,590	181,147	188,737	3.0972	341,263	1,056,959	243,041	14,943	228,098	4,324,000
22	7,993	179,300	187,293	3.0972	342,707	1,061,431	238,569	29,886	208,683	4,343,000
23	8,017	177,929	185,946	3.0972	344,054	1,065,605	234,395	44,829	189,566	4,363,000
24	8,924	176,648	185,572	3.0972	344,428	1,066,761	233,239	59,772	173,467	4,379,000
25	7,679	176,294	183,973	3.0972	346,027	1,071,716	228,284	74,715	153,569	4,399,000
26	6,932	174,774	181,706	3.0972	348,294	1,078,736	221,264	89,658	131,606	4,421,000
27	7,355	172,621	179,976	3.0972	350,024	1,084,095	215,905	104,601	111,304	4,441,000
28	5,147	170,977	176,124	3.0972	353,876	1,096,025	203,975	119,544	84,431	4,468,000
29	5,704	167,318	173,022	3.0972	356,978	1,105,633	194,367	134,487	59,880	4,492,000
30	6,080	164,371	170,451	3.0972	359,549	1,113,596	186,404	149,430	36,974	4,515,000
31	6,095	161,928	168,023	3.0972	361,977	1,121,115	178,885	164,373	14,512	4,537,000

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.