

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

JANUARY 2009

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 2, 2009

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3) X .95	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM (COL 3)	COLS 4 X 5	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER 3/20	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
1	2	3	4	5	6	7	8			
			80,234							
1	4,360	76,223	80,583	0.3204	420,000	134,568	1,165,432			3,387,000
2	4,453	76,553	81,006	0.3560	420,000	149,520	1,150,480			3,402,000
3	4,336	76,956	81,292	0.3916	420,000	164,472	1,135,528			3,416,000
4	5,785	77,228	83,013	0.4272	420,000	179,424	1,120,576			3,431,000
5	4,241	78,862	83,103	0.4628	420,000	194,376	1,105,624			3,446,000
6	2,731	78,948	81,679	0.4984	420,000	209,328	1,090,672			3,461,000
7	3,343	77,595	80,938	0.5340	420,000	224,280	1,075,720			3,476,000
8	3,323	76,891	80,214	0.5696	420,000	239,232	1,060,768			3,491,000
9	3,644	76,203	79,847	0.6052	420,000	254,184	1,045,816			3,506,000
10	3,371	75,855	79,226	0.6408	420,000	269,136	1,030,864			3,521,000
11	3,497	75,265	78,762	0.6764	420,000	284,088	1,015,912			3,536,000
12	3,745	74,824	78,569	0.7120	420,000	299,040	1,000,960			3,551,000
13	4,079	74,640	78,719	0.7476	420,000	313,992	986,008			3,566,000
14	3,953	74,783	78,736	0.7832	420,000	328,944	971,056			3,581,000
15	4,083	74,799	78,882	0.8188	420,000	343,896	956,104			3,596,000
16	3,568	74,938	78,506	0.8544	420,000	358,848	941,152			3,611,000
17	3,538	74,581	78,119	0.8900	420,000	373,800	926,200			3,626,000
18	3,727	74,213	77,940	0.9256	420,000	388,752	911,248			3,641,000
19	3,555	74,043	77,598	0.9612	420,000	403,704	896,296			3,656,000
20	4,350	73,718	78,068	0.9968	420,000	418,656	881,344			3,671,000
21	2,919	74,165	77,084	1.0324	420,000	433,608	866,392			3,686,000
22	3,857	73,229	77,086	1.0680	420,000	448,560	851,440			3,701,000
23	3,544	73,232	76,776	1.1036	420,000	463,512	836,488			3,716,000
24	4,483	72,937	77,420	1.1392	420,000	478,464	821,536			3,730,000
25	5,007	73,549	78,556	1.1748	420,000	493,416	806,584			3,745,000
26	3,818	74,629	78,447	1.2104	420,000	508,368	791,632			3,760,000
27	4,130	74,524	78,654	1.2460	420,000	523,320	776,680			3,775,000
28	4,082	74,721	78,803	1.2816	420,000	538,272	761,728			3,790,000
29	4,792	74,863	79,655	1.3172	420,000	553,224	746,776			3,805,000
30	4,328	75,673	80,001	1.3528	420,000	568,176	731,824			3,820,000
31	3,457	76,001	79,458	1.3884	420,000	583,128	716,872			3,835,000

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.