

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

JANUARY 2008

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: May 8, 2008

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			
			100,563							
1	4,132	95,535	99,667	0.3168	420,000	133,056	1,166,944			3,385,000
2	4,998	94,684	99,682	0.3520	420,000	147,840	1,152,160			3,400,000
3	9,082	94,698	103,780	0.3872	420,000	162,624	1,137,376			3,415,000
4	29,893	98,591	128,484	0.4224	401,516	169,600	1,130,400			3,422,000
5	19,527	122,060	141,587	0.4576	388,413	177,738	1,122,262			3,430,000
6	13,380	134,507	147,887	0.4928	382,113	188,305	1,111,695			3,440,000
7	11,067	140,493	151,560	0.5280	378,440	199,816	1,100,184			3,452,000
8	9,959	143,982	153,941	0.5632	376,059	211,796	1,088,204			3,464,000
9	8,383	146,244	154,627	0.5984	375,373	224,623	1,075,377			3,477,000
10	9,715	146,895	156,610	0.6336	373,390	236,580	1,063,420			3,489,000
11	9,387	148,780	158,167	0.6688	371,833	248,682	1,051,318			3,501,000
12	8,971	150,259	159,230	0.7040	370,770	261,022	1,038,978			3,513,000
13	8,138	151,268	159,406	0.7392	370,594	273,943	1,026,057			3,526,000
14	7,644	151,436	159,080	0.7744	370,920	287,241	1,012,759			3,539,000
15	7,500	151,126	158,626	0.8096	371,374	300,665	999,335			3,553,000
16	6,851	150,695	157,546	0.8448	372,454	314,650	985,350			3,567,000
17	6,651	149,668	156,319	0.8800	373,681	328,839	971,161			3,581,000
18	6,574	148,503	155,077	0.9152	374,923	343,129	956,871			3,595,000
19	5,766	147,323	153,089	0.9504	376,911	358,216	941,784			3,610,000
20	6,103	145,435	151,538	0.9856	378,462	373,012	926,988			3,625,000
21	5,827	143,961	149,788	1.0208	380,212	388,120	911,880			3,640,000
22	5,352	142,299	147,651	1.0560	382,349	403,761	896,239			3,656,000
23	4,337	140,268	144,605	1.0912	385,395	420,543	879,457			3,673,000
24	5,479	137,375	142,854	1.1264	387,146	436,081	863,919			3,688,000
25	6,701	135,711	142,412	1.1616	387,588	450,222	849,778			3,702,000
26	12,242	135,292	147,534	1.1968	382,466	457,736	842,264			3,710,000
27	12,269	140,157	152,426	1.2320	377,574	465,171	834,829			3,717,000
28	15,078	144,805	159,883	1.2672	370,117	469,013	830,987			3,721,000
29	11,029	151,888	162,917	1.3024	367,083	478,088	821,912			3,730,000
30	8,638	154,772	163,410	1.3376	366,590	490,351	809,649			3,742,000
31	11,665	155,239	166,904	1.3728	363,096	498,458	801,542			3,750,000

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