

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

FEBRUARY 2009

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 1, 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			
			79,463							
1	3,177	75,490	78,667	1.4240	420,000	598,080	701,920			3,850,000
2	3,874	74,733	78,607	1.4596	420,000	613,032	686,968			3,865,000
3	3,620	74,677	78,297	1.4952	420,000	627,984	672,016			3,880,000
4	3,786	74,382	78,168	1.5308	420,000	642,936	657,064			3,895,000
5	4,978	74,260	79,238	1.5664	420,000	657,888	642,112			3,910,000
6	6,547	75,276	81,823	1.6020	420,000	672,840	627,160			3,925,000
7	5,879	77,732	83,611	1.6376	420,000	687,792	612,208			3,940,000
8	5,628	79,430	85,058	1.6732	420,000	702,744	597,256			3,955,000
9	5,467	80,805	86,272	1.7088	420,000	717,696	582,304			3,970,000
10	4,329	81,959	86,288	1.7444	420,000	732,648	567,352			3,985,000
11	5,655	81,973	87,628	1.7800	420,000	747,600	552,400			4,000,000
12	4,910	83,247	88,157	1.8156	420,000	762,552	537,448			4,015,000
13	8,408	83,749	92,157	1.8512	420,000	777,504	522,496			4,030,000
14	8,584	87,549	96,133	1.8868	420,000	792,456	507,544			4,044,000
15	15,180	91,327	106,507	1.9224	420,000	807,408	492,592			4,059,000
16	12,632	101,181	113,813	1.9580	416,187	814,894	485,106			4,067,000
17	11,754	108,123	119,877	1.9936	410,123	817,622	482,378			4,070,000
18	9,580	113,883	123,463	2.0292	406,537	824,945	475,055			4,077,000
19	8,155	117,290	125,445	2.0648	404,555	835,326	464,674			4,087,000
20	7,301	119,172	126,473	2.1004	403,527	847,567	452,433			4,100,000
21	6,921	120,150	127,071	2.1360	402,929	860,657	439,343			4,113,000
22	21,292	120,717	142,009	2.1716	387,991	842,561	457,439			4,095,000
23	51,575	134,909	186,484	2.2072	343,516	758,209	541,791			4,010,000
24	42,953	177,160	220,113	2.2428	309,887	695,016	604,984			3,947,000
25	22,081	209,107	231,188	2.2784	298,812	680,814	619,186			3,933,000
26	19,048	219,628	238,676	2.3140	291,324	674,123	625,877			3,926,000
27	16,538	226,743	243,281	2.3496	286,719	673,676	626,324			3,926,000
28	14,623	231,117	245,740	2.3852	284,260	678,018	621,982			3,930,000

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.