

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

MARCH 2008

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 25, 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			
			217,262							
1	12,250	206,399	218,649	2.4288	311,351	756,209	543,791			4,008,000
2	11,994	207,717	219,711	2.4640	310,289	764,552	535,448			4,017,000
3	11,245	208,725	219,970	2.4992	310,030	774,826	525,174			4,027,000
4	11,236	208,972	220,208	2.5344	309,792	785,137	514,863			4,037,000
5	10,121	209,197	219,318	2.5696	310,682	798,327	501,673			4,050,000
6	8,483	208,352	216,835	2.6048	313,165	815,731	484,269			4,068,000
7	8,348	205,994	214,342	2.6400	315,658	833,338	466,662			4,085,000
8	8,499	203,625	212,124	2.6752	317,876	850,383	449,617			4,102,000
9	8,614	201,517	210,131	2.7104	319,869	866,972	433,028			4,119,000
10	7,874	199,625	207,499	2.7456	322,501	885,459	414,541			4,137,000
11	7,719	197,124	204,843	2.7808	325,157	904,197	395,803			4,156,000
12	7,240	194,601	201,841	2.8160	328,159	924,096	375,904			4,176,000
13	9,790	191,749	201,539	2.8512	328,461	936,509	363,491			4,189,000
14	8,933	191,462	200,395	2.8864	329,605	951,372	348,628			4,203,000
15	8,613	190,375	198,988	2.9216	331,012	967,084	332,916			4,219,000
16	8,811	189,039	197,850	2.9568	332,150	982,102	317,898			4,234,000
17	7,837	187,957	195,794	2.9920	334,206	999,944	300,056			4,252,000
18	8,429	186,004	194,433	3.0272	335,567	1,015,827	284,173			4,268,000
19	7,830	184,712	192,542	3.0624	337,458	1,033,432	266,568			4,285,000
20	8,450	182,915	191,365	3.0976	338,635	1,048,957	251,043			4,301,000
21	8,060	181,796	189,856	3.0976	340,144	1,053,629	246,371	14,943	231,428	4,321,000
22	8,375	180,364	188,739	3.0976	341,261	1,057,091	242,909	29,886	213,023	4,339,000
23	9,179	179,302	188,481	3.0976	341,519	1,057,890	242,110	44,829	197,281	4,355,000
24	7,567	179,057	186,624	3.0976	343,376	1,063,642	236,358	59,772	176,586	4,376,000
25	8,019	177,292	185,311	3.0976	344,689	1,067,707	232,293	74,715	157,578	4,395,000
26	7,774	176,046	183,820	3.0976	346,180	1,072,327	227,673	89,658	138,015	4,414,000
27	8,004	174,629	182,633	3.0976	347,367	1,076,004	223,996	104,601	119,395	4,433,000
28	8,172	173,501	181,673	3.0976	348,327	1,078,977	221,023	119,544	101,479	4,451,000
29	7,597	172,590	180,187	3.0976	349,813	1,083,582	216,418	134,487	81,931	4,470,000
30	7,319	171,177	178,496	3.0976	351,504	1,088,818	211,182	149,430	61,752	4,490,000
31	6,865	169,571	176,436	3.0976	353,564	1,095,198	204,802	164,373	40,429	4,511,000

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