

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

FEBRUARY 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 17, 2006

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			
			408,652							
1	20,425	388,220	408,645	1.4240	121,355	172,810	1,127,190			3,425,000
2	20,867	388,213	409,080	1.4596	120,920	176,496	1,123,504			3,428,000
3	18,601	388,626	407,227	1.4952	122,773	183,571	1,116,429			3,436,000
4	22,858	386,865	409,723	1.5308	120,277	184,120	1,115,880			3,436,000
5	20,121	389,237	409,358	1.5664	120,642	188,974	1,111,026			3,441,000
6	18,314	388,890	407,204	1.6020	122,796	196,719	1,103,281			3,449,000
7	17,019	386,844	403,863	1.6376	126,137	206,562	1,093,438			3,459,000
8	15,487	383,670	399,157	1.6732	130,843	218,927	1,081,073			3,471,000
9	14,375	379,199	393,574	1.7088	136,426	233,125	1,066,875			3,485,000
10	13,603	373,895	387,498	1.7444	142,502	248,580	1,051,420			3,501,000
11	12,781	368,123	380,904	1.7800	149,096	265,390	1,034,610			3,517,000
12	12,550	361,859	374,409	1.8156	155,591	282,491	1,017,509			3,534,000
13	11,951	355,689	367,640	1.8512	162,360	300,561	999,439			3,553,000
14	10,023	349,258	359,281	1.8868	170,719	322,113	977,887			3,574,000
15	10,634	341,317	351,951	1.9224	178,049	342,282	957,718			3,594,000
16	10,000	334,353	344,353	1.9580	185,647	363,497	936,503			3,615,000
17	10,968	327,135	338,103	1.9936	191,897	382,565	917,435			3,635,000
18	9,623	321,198	330,821	2.0292	199,179	404,173	895,827			3,656,000
19	9,647	314,280	323,927	2.0648	206,073	425,499	874,501			3,677,000
20	8,632	307,731	316,363	2.1004	213,637	448,723	851,277			3,701,000
21	8,493	300,545	309,038	2.1360	220,962	471,975	828,025			3,724,000
22	7,275	293,586	300,861	2.1716	229,139	497,599	802,401			3,750,000
23	7,768	285,818	293,586	2.2072	236,414	521,813	778,187			3,774,000
24	7,794	278,907	286,701	2.2428	243,299	545,672	754,328			3,798,000
25	9,088	272,365	281,453	2.2784	248,547	566,288	733,712			3,818,000
26	10,157	267,381	277,538	2.3140	252,462	584,198	715,802			3,836,000
27	30,005	263,661	293,666	2.3496	236,334	555,291	744,709			3,807,000
28	38,135	278,983	317,118	2.3852	212,882	507,767	792,233			3,760,000

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.