

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

JULY 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 19, 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			
			179,449							
1	5,593	170,477	176,070							6,491,000
2	5,456	167,266	172,722							6,470,000
3	5,097	164,086	169,183							6,449,000
4	5,839	160,724	166,563							6,427,000
5	4,727	158,235	162,962							6,406,000
6	5,025	154,814	159,839							6,385,000
7	5,187	151,847	157,034							6,363,000
8	5,306	149,182	154,488							6,342,000
9	4,998	146,764	151,762							6,321,000
10	5,256	144,173	149,429							6,300,000
11	4,499	141,958	146,457							6,278,000
12	4,680	139,134	143,814							6,257,000
13	4,912	136,623	141,535							6,236,000
14	4,740	134,459	139,199							6,214,000
15	4,601	132,239	136,840							6,193,000
16	5,071	129,998	135,069							6,172,000
17	4,892	128,315	133,207							6,150,000
18	4,668	126,547	131,215							6,129,000
19	5,330	124,654	129,984							6,108,000
20	5,407	123,485	128,892							6,086,000
21	4,631	122,447	127,078							6,065,000
22	4,200	120,724	124,924							6,044,000
23	4,746	118,678	123,424							6,022,000
24	5,476	117,253	122,729							6,001,000
25	4,977	116,593	121,570							5,980,000
26	4,727	115,491	120,218							5,959,000
27	4,358	114,207	118,565							5,937,000
28	4,453	112,637	117,090							5,916,000
29	4,124	111,235	115,359							5,895,000
30	3,198	109,591	112,789							5,873,000
31	4,113	107,150	111,263							5,852,000

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