

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

DECEMBER 2004

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 13, 2005

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		
			73,520							
1	3,562	69,844	73,406							3,252,000
2	3,601	69,735	73,336							3,252,000
3	2,942	69,669	72,611							3,252,000
4	3,595	68,981	72,576							3,252,000
5	3,777	68,947	72,724							3,252,000
6	6,443	69,088	75,531							3,252,000
7	9,816	71,754	81,570							3,252,000
8	27,642	77,492	105,134							3,252,000
9	16,054	99,877	115,931							3,252,000
10	10,476	110,135	120,611							3,252,000
11	8,672	114,580	123,252							3,252,000
12	7,305	117,089	124,394							3,252,000
13	5,806	118,175	123,981							3,252,000
14	5,198	117,782	122,980							3,252,000
15	5,807	116,831	122,638							3,252,000
16	5,440	116,506	121,946							3,252,000
17	5,445	115,849	121,294							3,252,000
18	4,821	115,229	120,050							3,252,000
19	4,723	114,047	118,770							3,252,000
20	5,331	112,832	118,163							3,252,000
21	4,663	112,255	116,918							3,252,000
22	4,408	111,072	115,480							3,252,000
23	4,475	109,706	114,181							3,252,000
24	4,084	108,472	112,556	0.0356	417,444	14,861	1,285,139			3,267,000
25	4,571	106,928	111,499	0.0712	418,501	29,797	1,270,203			3,282,000
26	7,456	105,924	113,380	0.1068	416,620	44,495	1,255,505			3,296,000
27	12,014	107,711	119,725	0.1424	410,275	58,423	1,241,577			3,310,000
28	11,064	113,739	124,803	0.1780	405,197	72,125	1,227,875			3,324,000
29	11,604	118,563	130,167	0.2136	399,833	85,404	1,214,596			3,337,000
30	16,595	123,658	140,253	0.2492	389,747	97,125	1,202,875			3,349,000
31	14,242	133,241	147,483	0.2848	382,517	108,941	1,191,059			3,361,000

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.