

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

JULY 2005

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 6, 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			
			179,033							
1	6,363	170,082	176,445							6,491,000
2	5,357	167,622	172,979							6,470,000
3	6,053	164,330	170,383							6,449,000
4	5,836	161,864	167,700							6,427,000
5	5,089	159,315	164,404							6,406,000
6	4,812	156,184	160,996							6,385,000
7	5,166	152,946	158,112							6,363,000
8	4,670	150,207	154,877							6,342,000
9	4,024	147,133	151,157							6,321,000
10	4,505	143,599	148,104							6,300,000
11	4,987	140,699	145,686							6,278,000
12	4,693	138,401	143,094							6,257,000
13	5,074	135,940	141,014							6,236,000
14	4,870	133,963	138,833							6,214,000
15	5,225	131,891	137,116							6,193,000
16	3,763	130,261	134,024							6,172,000
17	4,502	127,322	131,824							6,150,000
18	3,907	125,233	129,140							6,129,000
19	4,325	122,683	127,008							6,108,000
20	4,364	120,658	125,022							6,086,000
21	3,664	118,771	122,435							6,065,000
22	3,965	116,313	120,278							6,044,000
23	3,942	114,264	118,206							6,022,000
24	3,597	112,296	115,893							6,001,000
25	1,176	110,098	111,274							5,980,000
26	2,816	105,710	108,526							5,959,000
27	3,602	103,100	106,702							5,937,000
28	3,890	101,367	105,257							5,916,000
29	3,822	99,994	103,816							5,895,000
30	3,614	98,625	102,239							5,873,000
31	3,633	97,127	100,760							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