

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

DECEMBER 2007

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 14, 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		
			75,467							
1	3,627	71,694	75,321							3,252,000
2	4,318	71,555	75,873							3,252,000
3	5,246	72,079	77,325							3,252,000
4	4,986	73,459	78,445							3,252,000
5	4,953	74,523	79,476							3,252,000
6	5,847	75,502	81,349							3,252,000
7	5,199	77,281	82,480							3,252,000
8	4,542	78,356	82,898							3,252,000
9	3,097	78,753	81,850							3,252,000
10	3,957	77,758	81,715							3,252,000
11	3,721	77,629	81,350							3,252,000
12	3,651	77,283	80,934							3,252,000
13	3,835	76,887	80,722							3,252,000
14	3,648	76,686	80,334							3,252,000
15	4,807	76,317	81,124							3,252,000
16	4,905	77,068	81,973							3,252,000
17	5,652	77,874	83,526							3,252,000
18	12,568	79,350	91,918							3,252,000
19	12,086	87,322	99,408							3,252,000
20	11,495	94,438	105,933							3,252,000
21	7,115	100,636	107,751							3,252,000
22	4,409	102,363	106,772							3,252,000
23	4,615	101,434	106,049							3,252,000
24	4,715	100,746	105,461	0.0352	420,000	14,784	1,285,216			3,267,000
25	4,607	100,188	104,795	0.0704	420,000	29,568	1,270,432			3,282,000
26	4,122	99,556	103,678	0.1056	420,000	44,352	1,255,648			3,296,000
27	4,298	98,494	102,792	0.1408	420,000	59,136	1,240,864			3,311,000
28	4,630	97,652	102,282	0.1760	420,000	73,920	1,226,080			3,326,000
29	4,614	97,168	101,782	0.2112	420,000	88,704	1,211,296			3,341,000
30	4,158	96,693	100,851	0.2464	420,000	103,488	1,196,512			3,355,000
31	4,755	95,808	100,563	0.2816	420,000	118,272	1,181,728			3,370,000

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.