

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

DECEMBER 2008

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 5, 2009

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		
			74,461							
1	2,570	70,738	73,308							3,252,000
2	3,228	69,643	72,871							3,252,000
3	2,980	69,227	72,207							3,252,000
4	3,996	68,597	72,593							3,252,000
5	4,535	68,963	73,498							3,252,000
6	3,198	69,823	73,021							3,252,000
7	2,964	69,370	72,334							3,252,000
8	3,489	68,718	72,207							3,252,000
9	3,661	68,596	72,257							3,252,000
10	2,509	68,644	71,153							3,252,000
11	3,117	67,596	70,713							3,252,000
12	2,677	67,177	69,854							3,252,000
13	3,442	66,361	69,803							3,252,000
14	3,685	66,313	69,998							3,252,000
15	3,857	66,498	70,355							3,252,000
16	3,744	66,838	70,582							3,252,000
17	3,692	67,052	70,744							3,252,000
18	4,138	67,207	71,345							3,252,000
19	4,382	67,778	72,160							3,252,000
20	3,742	68,552	72,294							3,252,000
21	6,048	68,679	74,727							3,252,000
22	4,327	70,991	75,318							3,252,000
23	3,529	71,552	75,081							3,252,000
24	6,024	71,327	77,351	0.0356	420,000	14,952	1,285,048			3,267,000
25	5,309	73,483	78,792	0.0712	420,000	29,904	1,270,096			3,282,000
26	3,076	74,853	77,929	0.1068	420,000	44,856	1,255,144			3,297,000
27	3,103	74,032	77,135	0.1424	420,000	59,808	1,240,192			3,312,000
28	5,309	73,279	78,588	0.1780	420,000	74,760	1,225,240			3,327,000
29	4,343	74,658	79,001	0.2136	420,000	89,712	1,210,288			3,342,000
30	4,978	75,051	80,029	0.2492	420,000	104,664	1,195,336			3,357,000
31	4,199	76,028	80,227	0.2848	420,000	119,616	1,180,384			3,372,000

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.