

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

DECEMBER 2006

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: April 11, 2007

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		
			98,454							
1	3,938	93,531	97,469						3,252,000	
2	4,785	92,595	97,380						3,252,000	
3	4,855	92,511	97,366						3,252,000	
4	4,300	92,498	96,798						3,252,000	
5	4,265	91,958	96,223						3,252,000	
6	4,022	91,412	95,434						3,252,000	
7	4,427	90,662	95,089						3,252,000	
8	4,901	90,335	95,236						3,252,000	
9	7,293	90,474	97,767						3,252,000	
10	7,649	92,879	100,528						3,252,000	
11	9,336	95,501	104,837						3,252,000	
12	12,742	99,595	112,337						3,252,000	
13	15,287	106,721	122,008						3,252,000	
14	16,569	115,907	132,476						3,252,000	
15	15,150	125,852	141,002						3,252,000	
16	9,625	133,952	143,577						3,252,000	
17	7,976	136,398	144,374						3,252,000	
18	6,938	137,156	144,094						3,252,000	
19	6,212	136,889	143,101						3,252,000	
20	5,324	135,946	141,270						3,252,000	
21	6,376	134,206	140,582						3,252,000	
22	5,497	133,553	139,050						3,252,000	
23	5,481	132,098	137,579						3,252,000	
24	6,050	130,700	136,750	0.0356	393,250	14,000	1,286,000		3,266,000	
25	5,618	129,912	135,530	0.0712	394,470	28,086	1,271,914		3,280,000	
26	13,562	128,754	142,316	0.1068	387,684	41,405	1,258,595		3,293,000	
27	14,592	135,200	149,792	0.1424	380,208	54,142	1,245,858		3,306,000	
28	9,196	142,302	151,498	0.1780	378,502	67,373	1,232,627		3,319,000	
29	8,150	143,924	152,074	0.2136	377,926	80,725	1,219,275		3,333,000	
30	7,630	144,470	152,100	0.2492	377,900	94,173	1,205,827		3,346,000	
31	7,376	144,495	151,871	0.2848	378,129	107,691	1,192,309		3,360,000	

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.