

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

MAY 2004

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 18, 2004

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		
			198,415							
1	6,647	188,495	195,142	3.0976	334,858	1,037,257	262,743	627,606		4,552,000
2	6,750	185,385	192,135	3.0976	337,865	1,046,572	253,428	642,549		4,552,000
3	7,986	182,528	190,514	3.0976	339,486	1,051,592	248,408	657,492		4,552,000
4	8,204	180,988	189,192	3.0976	340,808	1,055,686	244,314	672,435		4,552,000
5	7,612	179,733	187,345	3.0976	342,655	1,061,409	238,591	687,378		4,552,000
6	6,897	177,977	184,874	3.0976	345,126	1,069,061	230,939	702,321		4,552,000
7	7,287	175,631	182,918	3.0976	347,082	1,075,122	224,878	717,264		4,552,000
8	6,141	173,772	179,913	3.0976	350,087	1,084,430	215,570	732,207		4,552,000
9	6,939	170,917	177,856	3.0976	352,144	1,090,801	209,199	747,150		4,552,000
10	7,353	168,963	176,316	3.0976	353,684	1,095,571	204,429	762,093		4,552,000
11	6,896	167,500	174,396	3.0976	355,604	1,101,517	198,483	777,036		4,552,000
12	6,280	165,677	171,957	3.0976	358,043	1,109,075	190,925	791,979		4,552,000
13	5,919	163,359	169,278	3.0976	360,722	1,117,373	182,627	806,922		4,552,000
14	6,412	160,814	167,226	3.0976	362,774	1,123,729	176,271	821,865		4,552,000
15	5,621	158,865	164,486	3.0976	365,514	1,132,217	167,783	836,808		4,552,000
16	6,462	156,261	162,723	3.0976	367,277	1,137,676	162,324	851,751		4,552,000
17	6,350	154,587	160,937	3.0976	369,063	1,143,209	156,791	866,694		4,552,000
18	6,740	152,890	159,630	3.0976	370,370	1,147,257	152,743	881,637		4,552,000
19	5,717	151,649	157,366	3.0976	372,634	1,154,272	145,728	896,580		4,552,000
20	6,419	149,498	155,917	3.0976	374,083	1,158,761	141,239	911,523		4,552,000
21	5,928	148,121	154,049	3.0976	375,951	1,164,547	135,453	926,466		4,552,000
22	4,686	146,346	151,032	3.0976	378,968	1,173,890	126,110	941,409		4,552,000
23	4,834	143,481	148,315	3.0976	381,685	1,182,309	117,691	956,352		4,552,000
24	5,122	140,899	146,021	3.0976	383,979	1,189,414	110,586	971,295		4,552,000
25	5,352	138,720	144,072	3.0976	385,928	1,195,451	104,549	986,238		4,552,000
26	5,086	136,868	141,954	3.0976	388,046	1,202,010	97,990	1,001,181		4,552,000
27	5,579	134,857	140,436	3.0976	389,564	1,206,715	93,285	1,016,124		4,552,000
28	4,612	133,414	138,026	3.0976	391,974	1,214,179	85,821	1,031,067		4,552,000
29	4,710	131,124	135,834	3.0976	394,166	1,220,967	79,033	1,046,010		4,552,000
30	3,847	129,043	132,890	3.0976	397,110	1,230,089	69,911	1,060,953		4,552,000
31	3,484	126,245	129,729	3.0976	400,271	1,239,879	60,121	1,075,896		4,552,000

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.