

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

MAY 2001

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 25, 2001

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			
			154,055							
1	6,981	146,352	153,333	3.0972	376,667	1,166,612	133,388	627,606		4,552,000
2	5,875	145,667	151,542	3.0972	378,458	1,172,161	127,839	642,549		4,552,000
3	7,179	143,965	151,144	3.0972	378,856	1,173,394	126,606	657,492		4,552,000
4	7,623	143,586	151,209	3.0972	378,791	1,173,190	126,810	672,435		4,552,000
5	5,790	143,649	149,439	3.0972	380,561	1,178,674	121,326	687,378		4,552,000
6	5,472	141,967	147,439	3.0972	382,561	1,184,868	115,132	702,321		4,552,000
7	7,110	140,067	147,177	3.0972	382,823	1,185,679	114,321	717,264		4,552,000
8	6,816	139,818	146,634	3.0972	383,366	1,187,361	112,639	732,207		4,552,000
9	7,267	139,302	146,569	3.0972	383,431	1,187,561	112,439	747,150		4,552,000
10	7,809	139,241	147,050	3.0972	382,950	1,186,073	113,927	762,093		4,552,000
11	6,176	139,698	145,874	3.0972	384,126	1,189,717	110,283	777,036		4,552,000
12	4,469	138,580	143,049	3.0972	386,951	1,198,465	101,535	791,979		4,552,000
13	5,424	135,896	141,320	3.0972	388,680	1,203,818	96,182	806,922		4,552,000
14	6,799	134,254	141,053	3.0972	388,947	1,204,645	95,355	821,865		4,552,000
15	6,486	134,001	140,487	3.0972	389,513	1,206,401	93,599	836,808		4,552,000
16	6,334	133,462	139,796	3.0972	390,204	1,208,539	91,461	851,751		4,552,000
17	6,983	132,807	139,790	3.0972	390,210	1,208,560	91,440	866,694		4,552,000
18	6,755	132,800	139,555	3.0972	390,445	1,209,286	90,714	881,637		4,552,000
19	5,093	132,577	137,670	3.0972	392,330	1,215,123	84,877	896,580		4,552,000
20	4,069	130,787	134,856	3.0972	395,144	1,223,841	76,159	911,523		4,552,000
21	6,594	128,113	134,707	3.0972	395,293	1,224,301	75,699	926,466		4,552,000
22	6,740	127,972	134,712	3.0972	395,288	1,224,287	75,713	941,409		4,552,000
23	6,117	127,976	134,093	3.0972	395,907	1,226,203	73,797	956,352		4,552,000
24	5,814	127,388	133,202	3.0972	396,798	1,228,961	71,039	971,295		4,552,000
25	4,901	126,542	131,443	3.0972	398,557	1,234,410	65,590	986,238		4,552,000
26	3,267	124,871	128,138	3.0972	401,862	1,244,647	55,353	1,001,181		4,552,000
27	3,311	121,731	125,042	3.0972	404,958	1,254,235	45,765	1,016,124		4,552,000
28	3,518	118,790	122,308	3.0972	407,692	1,262,703	37,297	1,031,067		4,552,000
29	4,735	116,193	120,928	3.0972	409,072	1,266,979	33,021	1,046,010		4,552,000
30	4,982	114,881	119,863	3.0972	410,137	1,270,275	29,725	1,060,953		4,552,000
31	4,660	113,870	118,530	3.0972	411,470	1,274,404	25,596	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.