

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

MAY 2002

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 18, 2002

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			
			160,578							
1	6,937	152,549	159,486	3.0972	370,514	1,147,556	152,444	627,606		4,552,000
2	6,035	151,512	157,547	3.0972	372,453	1,153,562	146,438	642,549		4,552,000
3	6,536	149,669	156,205	3.0972	373,795	1,157,717	142,283	657,492		4,552,000
4	5,342	148,395	153,737	3.0972	376,263	1,165,362	134,638	672,435		4,552,000
5	5,855	146,050	151,905	3.0972	378,095	1,171,035	128,965	687,378		4,552,000
6	6,074	144,310	150,384	3.0972	379,616	1,175,747	124,253	702,321		4,552,000
7	3,831	142,865	146,696	3.0972	383,304	1,187,170	112,830	717,264		4,552,000
8	5,307	139,361	144,668	3.0972	385,332	1,193,450	106,550	732,207		4,552,000
9	5,804	137,435	143,239	3.0972	386,761	1,197,878	102,122	747,150		4,552,000
10	5,661	136,077	141,738	3.0972	388,262	1,202,526	97,474	762,093		4,552,000
11	6,698	134,651	141,349	3.0972	388,651	1,203,731	96,269	777,036		4,552,000
12	6,395	134,281	140,676	3.0972	389,324	1,205,813	94,187	791,979		4,552,000
13	6,029	133,643	139,672	3.0972	390,328	1,208,925	91,075	806,922		4,552,000
14	5,553	132,688	138,241	3.0972	391,759	1,213,356	86,644	821,865		4,552,000
15	5,750	131,329	137,079	3.0972	392,921	1,216,955	83,045	836,808		4,552,000
16	5,363	130,225	135,588	3.0972	394,412	1,221,573	78,427	851,751		4,552,000
17	4,615	128,809	133,424	3.0972	396,576	1,228,277	71,723	866,694		4,552,000
18	5,656	126,752	132,408	3.0972	397,592	1,231,421	68,579	881,637		4,552,000
19	7,837	125,788	133,625	3.0972	396,375	1,227,653	72,347	896,580		4,552,000
20	7,744	126,944	134,688	3.0972	395,312	1,224,361	75,639	911,523		4,552,000
21	7,244	127,953	135,197	3.0972	394,803	1,222,783	77,217	926,466		4,552,000
22	5,639	128,437	134,076	3.0972	395,924	1,226,254	73,746	941,409		4,552,000
23	5,422	127,373	132,795	3.0972	397,205	1,230,224	69,776	956,352		4,552,000
24	5,642	126,155	131,797	3.0972	398,203	1,233,315	66,685	971,295		4,552,000
25	4,528	125,207	129,735	3.0972	400,265	1,239,701	60,299	986,238		4,552,000
26	3,402	123,248	126,650	3.0972	403,350	1,249,255	50,745	1,001,181		4,552,000
27	4,260	120,318	124,578	3.0972	405,422	1,255,674	44,326	1,016,124		4,552,000
28	5,920	118,349	124,269	3.0972	405,731	1,256,630	43,370	1,031,067		4,552,000
29	5,839	118,055	123,894	3.0972	406,106	1,257,790	42,210	1,046,010		4,552,000
30	5,960	117,700	123,660	3.0972	406,340	1,258,517	41,483	1,060,953		4,552,000
31	5,639	117,477	123,116	3.0972	406,884	1,260,202	39,798	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.