

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

MAY 2008

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 8, 2008

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			
			129,712							
1	5,018	123,227	128,245	3.0976	401,755	1,244,477	55,523	627,606		4,552,000
2	5,074	121,832	126,906	3.0976	403,094	1,248,623	51,377	642,549		4,552,000
3	5,603	120,561	126,164	3.0976	403,836	1,250,922	49,078	657,492		4,552,000
4	5,536	119,856	125,392	3.0976	404,608	1,253,314	46,686	672,435		4,552,000
5	5,515	119,122	124,637	3.0976	405,363	1,255,651	44,349	687,378		4,552,000
6	7,179	118,405	125,584	3.0976	404,416	1,252,718	47,282	702,321		4,552,000
7	6,935	119,305	126,240	3.0976	403,760	1,250,686	49,314	717,264		4,552,000
8	6,370	119,928	126,298	3.0976	403,702	1,250,507	49,493	732,207		4,552,000
9	7,196	119,983	127,179	3.0976	402,821	1,247,777	52,223	747,150		4,552,000
10	6,655	120,820	127,475	3.0976	402,525	1,246,860	53,140	762,093		4,552,000
11	6,354	121,102	127,456	3.0976	402,544	1,246,922	53,078	777,036		4,552,000
12	6,540	121,083	127,623	3.0976	402,377	1,246,404	53,596	791,979		4,552,000
13	6,432	121,242	127,674	3.0976	402,326	1,246,246	53,754	806,922		4,552,000
14	6,323	121,290	127,613	3.0976	402,387	1,246,434	53,566	821,865		4,552,000
15	5,996	121,232	127,228	3.0976	402,772	1,247,626	52,374	836,808		4,552,000
16	7,651	120,867	128,518	3.0976	401,482	1,243,631	56,369	851,751		4,552,000
17	7,895	122,092	129,987	3.0976	400,013	1,239,080	60,920	866,694		4,552,000
18	6,642	123,488	130,130	3.0976	399,870	1,238,638	61,362	881,637		4,552,000
19	7,459	123,623	131,082	3.0976	398,918	1,235,688	64,312	896,580		4,552,000
20	8,298	124,528	132,826	3.0976	397,174	1,230,286	69,714	911,523		4,552,000
21	4,574	126,185	130,759	3.0976	399,241	1,236,690	63,310	926,466		4,552,000
22	5,845	124,221	130,066	3.0976	399,934	1,238,836	61,164	941,409		4,552,000
23	5,498	123,563	129,061	3.0976	400,939	1,241,950	58,050	956,352		4,552,000
24	6,523	122,608	129,131	3.0976	400,869	1,241,733	58,267	971,295		4,552,000
25	6,166	122,674	128,840	3.0976	401,160	1,242,633	57,367	986,238		4,552,000
26	6,232	122,398	128,630	3.0976	401,370	1,243,284	56,716	1,001,181		4,552,000
27	7,098	122,198	129,296	3.0976	400,704	1,241,219	58,781	1,016,124		4,552,000
28	10,410	122,832	133,242	3.0976	396,758	1,228,999	71,001	1,031,067		4,552,000
29	7,061	126,580	133,641	3.0976	396,359	1,227,763	72,237	1,046,010		4,552,000
30	6,956	126,959	133,915	3.0976	396,085	1,226,914	73,086	1,060,953		4,552,000
31	5,861	127,219	133,080	3.0976	396,920	1,229,500	70,500	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