

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

MAY 2014

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: June 27, 2014

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			
			116,184							
1	3,998	110,375	114,373	3.0972	415,627	1,287,280	12,720	627,606		4,552,000
2	3,995	108,654	112,649	3.0972	417,351	1,292,619	7,381	642,549		4,552,000
3	3,267	107,017	110,284	3.0972	419,716	1,299,945	55	657,492		4,552,000
4	3,502	104,770	108,272	3.0972	420,000	1,300,000	0	672,435		4,552,000
5	3,237	102,858	106,095	3.0972	420,000	1,300,000	0	687,378		4,552,000
6	3,836	100,790	104,626	3.0972	420,000	1,300,000	0	702,321		4,552,000
7	2,966	99,395	102,361	3.0972	420,000	1,300,000	0	717,264		4,552,000
8	3,859	97,243	101,102	3.0972	420,000	1,300,000	0	732,207		4,552,000
9	3,944	96,047	99,991	3.0972	420,000	1,300,000	0	747,150		4,552,000
10	2,522	94,991	97,513	3.0972	420,000	1,300,000	0	762,093		4,552,000
11	2,126	92,638	94,764	3.0972	420,000	1,300,000	0	777,036		4,552,000
12	4,387	90,025	94,412	3.0972	420,000	1,300,000	0	791,979		4,552,000
13	3,753	89,692	93,445	3.0972	420,000	1,300,000	0	806,922		4,552,000
14	3,815	88,773	92,588	3.0972	420,000	1,300,000	0	821,865		4,552,000
15	3,006	87,958	90,964	3.0972	420,000	1,300,000	0	836,808		4,552,000
16	3,711	86,416	90,127	3.0972	420,000	1,300,000	0	851,751		4,552,000
17	3,533	85,621	89,154	3.0972	420,000	1,300,000	0	866,694		4,552,000
18	3,201	84,696	87,897	3.0972	420,000	1,300,000	0	881,637		4,552,000
19	3,076	83,502	86,578	3.0972	420,000	1,300,000	0	896,580		4,552,000
20	3,133	82,249	85,382	3.0972	420,000	1,300,000	0	911,523		4,552,000
21	3,742	81,113	84,855	3.0972	420,000	1,300,000	0	926,466		4,552,000
22	3,039	80,612	83,651	3.0972	420,000	1,300,000	0	941,409		4,552,000
23	3,038	79,469	82,507	3.0972	420,000	1,300,000	0	956,352		4,552,000
24	2,772	78,381	81,153	3.0972	420,000	1,300,000	0	971,295		4,552,000
25	2,900	77,096	79,996	3.0972	420,000	1,300,000	0	986,238		4,552,000
26	3,067	75,996	79,063	3.0972	420,000	1,300,000	0	1,001,181		4,552,000
27	3,220	75,110	78,330	3.0972	420,000	1,300,000	0	1,016,124		4,552,000
28	3,126	74,413	77,539	3.0972	420,000	1,300,000	0	1,031,067		4,552,000
29	2,426	73,662	76,088	3.0972	420,000	1,300,000	0	1,046,010		4,552,000
30	2,244	72,284	74,528	3.0972	420,000	1,300,000	0	1,060,953		4,552,000
31	2,781	70,802	73,583	3.0972	420,000	1,300,000	0	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.