

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

APRIL 2015

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: May 5, 2015

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		
			107,690							
1	3,692	102,306	105,998	3.0972	420,000	1,300,000	0	179,316		4,552,000
2	3,533	100,698	104,231	3.0972	420,000	1,300,000	0	194,259		4,552,000
3	4,589	99,019	103,608	3.0972	420,000	1,300,000	0	209,202		4,552,000
4	3,579	98,428	102,007	3.0972	420,000	1,300,000	0	224,145		4,552,000
5	4,290	96,907	101,197	3.0972	420,000	1,300,000	0	239,088		4,552,000
6	4,021	96,137	100,158	3.0972	420,000	1,300,000	0	254,031		4,552,000
7	5,383	95,150	100,533	3.0972	420,000	1,300,000	0	268,974		4,552,000
8	4,182	95,506	99,688	3.0972	420,000	1,300,000	0	283,917		4,552,000
9	4,452	94,704	99,156	3.0972	420,000	1,300,000	0	298,860		4,552,000
10	4,289	94,198	98,487	3.0972	420,000	1,300,000	0	313,803		4,552,000
11	3,167	93,563	96,730	3.0972	420,000	1,300,000	0	328,746		4,552,000
12	3,859	91,893	95,752	3.0972	420,000	1,300,000	0	343,689		4,552,000
13	3,531	90,965	94,496	3.0972	420,000	1,300,000	0	358,632		4,552,000
14	4,279	89,771	94,050	3.0972	420,000	1,300,000	0	373,575		4,552,000
15	4,024	89,347	93,371	3.0972	420,000	1,300,000	0	388,518		4,552,000
16	3,547	88,703	92,250	3.0972	420,000	1,300,000	0	403,461		4,552,000
17	3,543	87,637	91,180	3.0972	420,000	1,300,000	0	418,404		4,552,000
18	3,100	86,621	89,721	3.0972	420,000	1,300,000	0	433,347		4,552,000
19	3,567	85,235	88,802	3.0972	420,000	1,300,000	0	448,290		4,552,000
20	3,817	84,362	88,179	3.0972	420,000	1,300,000	0	463,233		4,552,000
21	3,302	83,770	87,072	3.0972	420,000	1,300,000	0	478,176		4,552,000
22	3,490	82,719	86,209	3.0972	420,000	1,300,000	0	493,119		4,552,000
23	2,752	81,898	84,650	3.0972	420,000	1,300,000	0	508,062		4,552,000
24	3,238	80,418	83,656	3.0972	420,000	1,300,000	0	523,005		4,552,000
25	2,832	79,473	82,305	3.0972	420,000	1,300,000	0	537,948		4,552,000
26	2,988	78,190	81,178	3.0972	420,000	1,300,000	0	552,891		4,552,000
27	4,160	77,119	81,279	3.0972	420,000	1,300,000	0	567,834		4,552,000
28	3,303	77,215	80,518	3.0972	420,000	1,300,000	0	582,777		4,552,000
29	3,314	76,492	79,806	3.0972	420,000	1,300,000	0	597,720		4,552,000
30	3,499	75,816	79,315	3.0972	420,000	1,300,000	0	612,663		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.