

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

FEBRUARY 2015

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: April 8, 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		
			130,337							
1	3,475	123,820	127,295	1.4240	402,705	573,452	726,548			3,825,000
2	4,460	120,930	125,390	1.4596	404,610	590,568	709,432			3,843,000
3	5,000	119,121	124,121	1.4952	405,879	606,870	693,130			3,859,000
4	7,053	117,915	124,968	1.5308	405,032	620,023	679,977			3,872,000
5	7,439	118,720	126,159	1.5664	403,841	632,577	667,423			3,885,000
6	23,597	119,851	143,448	1.6020	386,552	619,257	680,743			3,871,000
7	42,253	136,275	178,528	1.6376	351,472	575,570	724,430			3,828,000
8	34,271	169,602	203,873	1.6732	326,127	545,676	754,324			3,798,000
9	48,717	193,679	242,396	1.7088	287,604	491,457	808,543			3,743,000
10	27,181	230,276	257,457	1.7444	272,543	475,423	824,577			3,727,000
11	21,359	244,584	265,943	1.7800	264,057	470,021	829,979			3,722,000
12	16,528	252,646	269,174	1.8156	260,826	473,555	826,445			3,726,000
13	13,674	255,716	269,390	1.8512	260,610	482,442	817,558			3,734,000
14	9,735	255,920	265,655	1.8868	264,345	498,766	801,234			3,751,000
15	9,484	252,372	261,856	1.9224	268,144	515,479	784,521			3,767,000
16	8,482	248,764	257,246	1.9580	272,754	534,053	765,947			3,786,000
17	8,784	244,383	253,167	1.9936	276,833	551,894	748,106			3,804,000
18	8,843	240,509	249,352	2.0292	280,648	569,491	730,509			3,821,000
19	7,167	236,884	244,051	2.0648	285,949	590,427	709,573			3,842,000
20	7,893	231,849	239,742	2.1004	290,258	609,658	690,342			3,862,000
21	7,953	227,755	235,708	2.1360	294,292	628,608	671,392			3,881,000
22	6,596	223,922	230,518	2.1716	299,482	650,355	649,645			3,902,000
23	7,754	218,992	226,746	2.2072	303,254	669,341	630,659			3,921,000
24	5,004	215,409	220,413	2.2428	309,587	694,342	605,658			3,946,000
25	4,715	209,392	214,107	2.2784	315,893	719,730	580,270			3,972,000
26	4,823	203,402	208,225	2.3140	321,775	744,587	555,413			3,997,000
27	5,076	197,814	202,890	2.3496	327,110	768,578	531,422			4,021,000
28	6,009	192,745	198,754	2.3852	331,246	790,087	509,913			4,042,000

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.