

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

FEBRUARY 2019

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: April 8, 2019

DAY	SHASTA INFLOW C. F. S. 1	PREV DAY F. C. PAR (COL 3) X .95 2	F. C. PARAM (COLS. 1 + 2) 3	.0356* X DAYS 12/23 THRU 3/20 4	530,000 MINUS F. C. PARAM (COL 3) 5	COLS 4 X 5 6	F. C. RESERV (1,300,000 - COL 6) 7	MINUS 14,943 PER DAY AFTER 3/20 8	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
			225,179							
1	9,149	213,920	223,069	1.4240	306,931	437,069	862,931			3,689,000
2	15,951	211,916	227,867	1.4596	302,133	440,994	859,006			3,693,000
3	14,931	216,473	231,404	1.4952	298,596	446,460	853,540			3,698,000
4	15,175	219,834	235,009	1.5308	294,991	451,572	848,428			3,704,000
5	14,884	223,259	238,143	1.5664	291,857	457,165	842,835			3,709,000
6	11,819	226,236	238,055	1.6020	291,945	467,697	832,303			3,720,000
7	11,258	226,152	237,410	1.6376	292,590	479,146	820,854			3,731,000
8	9,223	225,539	234,762	1.6732	295,238	493,992	806,008			3,746,000
9	10,090	223,024	233,114	1.7088	296,886	507,318	792,682			3,759,000
10	7,756	221,459	229,215	1.7444	300,785	524,690	775,310			3,777,000
11	8,510	217,754	226,264	1.7800	303,736	540,650	759,350			3,793,000
12	9,261	214,951	224,212	1.8156	305,788	555,189	744,811			3,807,000
13	15,367	213,001	228,368	1.8512	301,632	558,381	741,619			3,810,000
14	27,243	216,950	244,193	1.8868	285,807	539,261	760,739			3,791,000
15	25,364	231,983	257,347	1.9224	272,653	524,148	775,852			3,776,000
16	22,060	244,480	266,540	1.9580	263,460	515,855	784,145			3,768,000
17	19,549	253,213	272,762	1.9936	257,238	512,830	787,170			3,765,000
18	16,560	259,124	275,684	2.0292	254,316	516,059	783,941			3,768,000
19	14,041	261,899	275,940	2.0648	254,060	524,582	775,418			3,777,000
20	13,447	262,143	275,590	2.1004	254,410	534,362	765,638			3,786,000
21	18,066	261,811	279,877	2.1360	250,123	534,263	765,737			3,786,000
22	10,822	265,883	276,705	2.1716	253,295	550,055	749,945			3,802,000
23	10,822	262,870	273,692	2.2072	256,308	565,723	734,277			3,818,000
24	11,265	260,007	271,272	2.2428	258,728	580,275	719,725			3,832,000
25	27,434	257,709	285,143	2.2784	244,857	557,883	742,117			3,810,000
26	72,597	270,885	343,482	2.3140	186,518	431,602	868,398			3,684,000
27	89,753	326,308	416,061	2.3496	113,939	267,710	1,032,290			3,520,000
28	51,034	395,258	446,292	2.3852	83,708	199,660	1,100,340			3,452,000

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.