

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

FEBRUARY 2018

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 15, 2018

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		
			115,739							
1	4,695	109,952	114,647	1.4240	415,353	591,462	708,538			3,843,000
2	4,387	108,915	113,302	1.4596	416,698	608,212	691,788			3,860,000
3	5,129	107,637	112,766	1.4952	417,234	623,848	676,152			3,876,000
4	5,159	107,128	112,287	1.5308	417,713	639,436	660,564			3,891,000
5	5,291	106,672	111,963	1.5664	418,037	654,813	645,187			3,907,000
6	6,354	106,365	112,719	1.6020	417,281	668,484	631,516			3,920,000
7	3,221	107,083	110,304	1.6376	419,696	687,294	612,706			3,939,000
8	2,826	104,789	107,615	1.6732	420,000	702,744	597,256			3,955,000
9	5,632	102,234	107,866	1.7088	420,000	717,696	582,304			3,970,000
10	6,069	102,473	108,542	1.7444	420,000	732,648	567,352			3,985,000
11	4,532	103,115	107,647	1.7800	420,000	747,600	552,400			4,000,000
12	5,390	102,264	107,654	1.8156	420,000	762,552	537,448			4,015,000
13	3,542	102,272	105,814	1.8512	420,000	777,504	522,496			4,030,000
14	3,721	100,523	104,244	1.8868	420,000	792,456	507,544			4,044,000
15	4,410	99,032	103,442	1.9224	420,000	807,408	492,592			4,059,000
16	3,565	98,270	101,835	1.9580	420,000	822,360	477,640			4,074,000
17	4,991	96,743	101,734	1.9936	420,000	837,312	462,688			4,089,000
18	5,285	96,647	101,932	2.0292	420,000	852,264	447,736			4,104,000
19	4,655	96,836	101,491	2.0648	420,000	867,216	432,784			4,119,000
20	3,282	96,416	99,698	2.1004	420,000	882,168	417,832			4,134,000
21	3,944	94,713	98,657	2.1360	420,000	897,120	402,880			4,149,000
22	4,556	93,724	98,280	2.1716	420,000	912,072	387,928			4,164,000
23	4,256	93,366	97,622	2.2072	420,000	927,024	372,976			4,179,000
24	4,344	92,741	97,085	2.2428	420,000	941,976	358,024			4,194,000
25	4,643	92,231	96,874	2.2784	420,000	956,928	343,072			4,209,000
26	3,740	92,030	95,770	2.3140	420,000	971,880	328,120			4,224,000
27	3,582	90,982	94,564	2.3496	420,000	986,832	313,168			4,239,000
28	4,423	89,836	94,259	2.3852	420,000	1,001,784	298,216			4,254,000

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.