

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

DECEMBER 2016

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 6, 2017

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			
			137,335							
1	5,475	130,469	135,944							3,252,000
2	6,798	129,146	135,944							3,252,000
3	6,141	129,147	135,288							3,252,000
4	5,501	128,524	134,025							3,252,000
5	4,467	127,323	131,790							3,252,000
6	4,417	125,201	129,618							3,252,000
7	5,461	123,137	128,598							3,252,000
8	6,669	122,168	128,837							3,252,000
9	7,787	122,395	130,182							3,252,000
10	19,734	123,673	143,407							3,252,000
11	15,050	136,237	151,287							3,252,000
12	8,282	143,722	152,004							3,252,000
13	10,477	144,404	154,881							3,252,000
14	17,741	147,137	164,878							3,252,000
15	58,678	156,634	215,312							3,252,000
16	35,273	204,547	239,820							3,252,000
17	24,473	227,829	252,302							3,252,000
18	18,660	239,687	258,347							3,252,000
19	13,911	245,429	259,340							3,252,000
20	11,740	246,373	258,113							3,252,000
21	11,310	245,208	256,518							3,252,000
22	8,998	243,692	252,690							3,252,000
23	15,338	240,055	255,393							3,252,000
24	12,450	242,624	255,074	0.0356	274,926	9,787	1,290,213			3,262,000
25	9,113	242,320	251,433	0.0712	278,567	19,834	1,280,166			3,272,000
26	8,992	238,861	247,853	0.1068	282,147	30,133	1,269,867			3,282,000
27	7,391	235,461	242,852	0.1424	287,148	40,890	1,259,110			3,293,000
28	8,097	230,709	238,806	0.1780	291,194	51,833	1,248,167			3,304,000
29	6,909	226,866	233,775	0.2136	296,225	63,274	1,236,726			3,315,000
30	7,504	222,086	229,590	0.2492	300,410	74,862	1,225,138			3,327,000
31	6,652	218,110	224,762	0.2848	305,238	86,932	1,213,068			3,339,000

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.