

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

NOVEMBER 2016

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 28, 2016

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			
			123,127							
1	14,375	116,970	131,345							3,870,000
2	13,140	124,778	137,918							3,849,000
3	6,767	131,022	137,789							3,827,000
4	7,172	130,900	138,072							3,806,000
5	4,944	131,168	136,112							3,785,000
6	5,548	129,306	134,854							3,763,000
7	5,781	128,112	133,893							3,742,000
8	5,893	127,198	133,091							3,721,000
9	5,062	126,437	131,499							3,700,000
10	4,681	124,924	129,605							3,678,000
11	4,151	123,124	127,275							3,657,000
12	4,324	120,912	125,236							3,636,000
13	4,394	118,974	123,368							3,614,000
14	3,626	117,199	120,825							3,593,000
15	3,866	114,784	118,650							3,572,000
16	3,478	112,718	116,196							3,550,000
17	3,303	110,386	113,689							3,529,000
18	3,462	108,004	111,466							3,508,000
19	8,741	105,893	114,634							3,486,000
20	11,512	108,902	120,414							3,465,000
21	9,087	114,394	123,481							3,444,000
22	8,004	117,307	125,311							3,422,000
23	8,404	119,045	127,449							3,401,000
24	9,149	121,077	130,226							3,380,000
25	8,592	123,714	132,306							3,359,000
26	9,899	125,691	135,590							3,337,000
27	8,771	128,811	137,582							3,316,000
28	8,040	130,702	138,742							3,295,000
29	5,716	131,805	137,521							3,273,000
30	6,690	130,645	137,335							3,252,000

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.