

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

NOVEMBER 2015

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 19, 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		
			58,317							
1	2,545	55,401	57,946							3,870,000
2	3,057	55,049	58,106							3,849,000
3	1,628	55,201	56,829							3,827,000
4	2,170	53,987	56,157							3,806,000
5	2,194	53,349	55,543							3,785,000
6	1,695	52,766	54,461							3,763,000
7	2,254	51,738	53,992							3,742,000
8	3,080	51,293	54,373							3,721,000
9	3,644	51,654	55,298							3,700,000
10	3,840	52,533	56,373							3,678,000
11	3,042	53,554	56,596							3,657,000
12	3,151	53,767	56,918							3,636,000
13	3,023	54,072	57,095							3,614,000
14	2,515	54,240	56,755							3,593,000
15	4,441	53,917	58,358							3,572,000
16	2,921	55,440	58,361							3,550,000
17	2,174	55,443	57,617							3,529,000
18	1,862	54,736	56,598							3,508,000
19	1,628	53,768	55,396							3,486,000
20	2,365	52,627	54,992							3,465,000
21	3,253	52,242	55,495							3,444,000
22	2,984	52,720	55,704							3,422,000
23	494	52,919	53,413							3,401,000
24	2,830	50,742	53,572							3,380,000
25	3,007	50,894	53,901							3,359,000
26	1,923	51,206	53,129							3,337,000
27	2,637	50,472	53,109							3,316,000
28	2,965	50,454	53,419							3,295,000
29	2,129	50,748	52,877							3,273,000
30	3,042	50,233	53,275							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.