

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

DECEMBER 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		
			53,275							
1	2,159	50,611	52,770							3,252,000
2	2,566	50,132	52,698							3,252,000
3	3,272	50,063	53,335							3,252,000
4	2,894	50,668	53,562							3,252,000
5	2,336	50,884	53,220							3,252,000
6	4,332	50,559	54,891							3,252,000
7	3,106	52,147	55,253							3,252,000
8	3,651	52,490	56,141							3,252,000
9	5,545	53,334	58,879							3,252,000
10	7,835	55,935	63,770							3,252,000
11	4,567	60,581	65,148							3,252,000
12	5,416	61,891	67,307							3,252,000
13	11,863	63,942	75,805							3,252,000
14	5,385	72,014	77,399							3,252,000
15	3,119	73,529	76,648							3,252,000
16	4,980	72,816	77,796							3,252,000
17	4,024	73,906	77,930							3,252,000
18	4,882	74,034	78,916							3,252,000
19	4,104	74,970	79,074							3,252,000
20	5,265	75,120	80,385							3,252,000
21	8,076	76,366	84,442							3,252,000
22	9,263	80,220	89,483							3,252,000
23	8,130	85,009	93,139							3,252,000
24	7,537	88,482	96,019	0.0352	420,000	14,784	1,285,216			3,267,000
25	6,129	91,218	97,347	0.0704	420,000	29,568	1,270,432			3,282,000
26	5,301	92,480	97,781	0.1056	420,000	44,352	1,255,648			3,296,000
27	5,840	92,891	98,731	0.1408	420,000	59,136	1,240,864			3,311,000
28	4,773	93,795	98,568	0.1760	420,000	73,920	1,226,080			3,326,000
29	3,463	93,640	97,103	0.2112	420,000	88,704	1,211,296			3,341,000
30	2,636	92,247	94,883	0.2464	420,000	103,488	1,196,512			3,355,000
31	3,072	90,139	93,211	0.2816	420,000	118,272	1,181,728			3,370,000

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.