

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

DECEMBER 2014

**SHASTA LAKE FLOOD CONTROL REQUIREMENTS**

RUN DATE: January 5, 2015

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		
			65,973							
1	4,205	62,675	66,880							3,252,000
2	3,483	63,536	67,019							3,252,000
3	5,629	63,668	69,297							3,252,000
4	9,057	65,832	74,889							3,252,000
5	10,188	71,144	81,332							3,252,000
6	16,658	77,266	93,924							3,252,000
7	9,009	89,228	98,237							3,252,000
8	9,228	93,325	102,553							3,252,000
9	8,708	97,425	106,133							3,252,000
10	11,707	100,826	112,533							3,252,000
11	66,542	106,907	173,449							3,252,000
12	33,631	164,776	198,407							3,252,000
13	18,589	188,487	207,076							3,252,000
14	13,742	196,722	210,464							3,252,000
15	10,751	199,941	210,692							3,252,000
16	11,132	200,157	211,289							3,252,000
17	18,171	200,725	218,896							3,252,000
18	18,923	207,951	226,874							3,252,000
19	29,322	215,530	244,852							3,252,000
20	29,529	232,610	262,139							3,252,000
21	25,372	249,032	274,404							3,252,000
22	17,930	260,684	278,614							3,252,000
23	15,285	264,683	279,968							3,252,000
24	11,908	265,970	277,878	0.0356	252,122	8,976	1,291,024			3,261,000
25	11,429	263,984	275,413	0.0712	254,587	18,127	1,281,873			3,270,000
26	9,570	261,642	271,212	0.1068	258,788	27,639	1,272,361			3,280,000
27	9,209	257,651	266,860	0.1424	263,140	37,471	1,262,529			3,289,000
28	8,419	253,517	261,936	0.1780	268,064	47,715	1,252,285			3,300,000
29	7,635	248,840	256,475	0.2136	273,525	58,425	1,241,575			3,310,000
30	7,545	243,651	251,196	0.2492	278,804	69,478	1,230,522			3,321,000
31	6,962	238,636	245,598	0.2848	284,402	80,998	1,219,002			3,333,000

**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.