

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

OCTOBER 2012

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 18, 2013

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			
			100,000							
1	2,861	95,000	97,861							4,531,000
2	1,650	92,968	94,618							4,509,000
3	2,289	89,887	92,176							4,488,000
4	2,105	87,567	89,672							4,467,000
5	2,804	85,189	87,993							4,445,000
6	1,585	83,593	85,178							4,424,000
7	2,486	80,919	83,405							4,403,000
8	2,709	79,235	81,944							4,382,000
9	2,049	77,847	79,896							4,360,000
10	2,421	75,901	78,322							4,339,000
11	2,285	74,406	76,691							4,318,000
12	2,785	72,856	75,641							4,296,000
13	2,514	71,859	74,373							4,275,000
14	2,754	70,655	73,409							4,254,000
15	2,648	69,738	72,386							4,232,000
16	2,659	68,767	71,426							4,211,000
17	2,469	67,855	70,324							4,190,000
18	2,714	66,807	69,521							4,168,000
19	2,564	66,045	68,609							4,147,000
20	2,224	65,179	67,403							4,126,000
21	2,343	64,033	66,376							4,104,000
22	3,351	63,057	66,408							4,083,000
23	3,331	63,087	66,418							4,062,000
24	3,320	63,098	66,418							4,041,000
25	3,675	63,097	66,772							4,019,000
26	3,180	63,433	66,613							3,998,000
27	3,368	63,282	66,650							3,977,000
28	3,456	63,318	66,774							3,955,000
29	3,440	63,435	66,875							3,934,000
30	3,455	63,531	66,986							3,913,000
31	3,205	63,637	66,842							3,891,000

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.