

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

NOVEMBER 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			
			69,515							
1	3,499	66,039	69,538							3,870,000
2	2,910	66,061	68,971							3,849,000
3	3,139	65,522	68,661							3,827,000
4	2,858	65,228	68,086							3,806,000
5	3,237	64,682	67,919							3,785,000
6	3,148	64,523	67,671							3,763,000
7	2,721	64,287	67,008							3,742,000
8	2,749	63,658	66,407							3,721,000
9	2,709	63,087	65,796							3,700,000
10	2,813	62,506	65,319							3,678,000
11	2,611	62,053	64,664							3,657,000
12	2,634	61,431	64,065							3,636,000
13	3,337	60,862	64,199							3,614,000
14	2,327	60,989	63,316							3,593,000
15	3,090	60,150	63,240							3,572,000
16	1,815	60,078	61,893							3,550,000
17	1,589	58,798	60,387							3,529,000
18	3,389	57,368	60,757							3,508,000
19	3,500	57,719	61,219							3,486,000
20	4,478	58,158	62,636							3,465,000
21	3,502	59,504	63,006							3,444,000
22	4,700	59,856	64,556							3,422,000
23	3,739	61,328	65,067							3,401,000
24	3,231	61,814	65,045							3,380,000
25	3,097	61,793	64,890							3,359,000
26	2,338	61,645	63,983							3,337,000
27	3,017	60,784	63,801							3,316,000
28	3,862	60,611	64,473							3,295,000
29	3,211	61,249	64,460							3,273,000
30	4,736	61,237	65,973							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.