

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

NOVEMBER 2013

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 19, 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			
			64,904							
1	1,911	61,659	63,570							3,870,000
2	1,907	60,391	62,298							3,849,000
3	1,844	59,183	61,027							3,827,000
4	3,065	57,976	61,041							3,806,000
5	2,749	57,989	60,738							3,785,000
6	2,868	57,701	60,569							3,763,000
7	3,023	57,541	60,564							3,742,000
8	2,683	57,535	60,218							3,721,000
9	2,575	57,207	59,782							3,700,000
10	2,575	56,793	59,368							3,678,000
11	3,105	56,400	59,505							3,657,000
12	3,382	56,530	59,912							3,636,000
13	2,181	56,916	59,097							3,614,000
14	3,472	56,142	59,614							3,593,000
15	3,383	56,634	60,017							3,572,000
16	1,749	57,016	58,765							3,550,000
17	3,287	55,826	59,113							3,529,000
18	3,249	56,158	59,407							3,508,000
19	6,547	56,436	62,983							3,486,000
20	7,959	59,834	67,793							3,465,000
21	4,577	64,404	68,981							3,444,000
22	968	65,532	66,500							3,422,000
23	1,980	63,175	65,155							3,401,000
24	3,200	61,897	65,097							3,380,000
25	4,322	61,842	66,164							3,359,000
26	2,929	62,856	65,785							3,337,000
27	1,723	62,496	64,219							3,316,000
28	2,362	61,008	63,370							3,295,000
29	3,045	60,201	63,246							3,273,000
30	3,008	60,084	63,092							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.