

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

OCTOBER 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			
			100,000							
1	2,572	95,000	97,572							4,531,000
2	3,101	92,693	95,794							4,509,000
3	2,916	91,005	93,921							4,488,000
4	2,524	89,225	91,749							4,467,000
5	2,267	87,161	89,428							4,445,000
6	3,114	84,957	88,071							4,424,000
7	2,548	83,667	86,215							4,403,000
8	1,672	81,904	83,576							4,382,000
9	2,871	79,398	82,269							4,360,000
10	2,501	78,155	80,656							4,339,000
11	4,068	76,623	80,691							4,318,000
12	2,646	76,657	79,303							4,296,000
13	2,791	75,338	78,129							4,275,000
14	3,228	74,222	77,450							4,254,000
15	2,560	73,578	76,138							4,232,000
16	2,427	72,331	74,758							4,211,000
17	2,586	71,020	73,606							4,190,000
18	2,293	69,926	72,219							4,168,000
19	2,509	68,608	71,117							4,147,000
20	2,432	67,561	69,993							4,126,000
21	2,883	66,493	69,376							4,104,000
22	3,420	65,907	69,327							4,083,000
23	3,227	65,861	69,088							4,062,000
24	2,715	65,634	68,349							4,041,000
25	3,982	64,931	68,913							4,019,000
26	3,072	65,468	68,540							3,998,000
27	2,031	65,113	67,144							3,977,000
28	3,091	63,786	66,877							3,955,000
29	3,068	63,534	66,602							3,934,000
30	2,559	63,271	65,830							3,913,000
31	2,365	62,539	64,904							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.