

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

JULY 2016

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 1, 2016

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			
			85,442							
1	2,894	81,170	84,064							6,491,000
2	2,143	79,861	82,004							6,470,000
3	1,834	77,904	79,738							6,449,000
4	2,144	75,751	77,895							6,427,000
5	2,665	74,000	76,665							6,406,000
6	2,817	72,832	75,649							6,385,000
7	3,196	71,867	75,063							6,363,000
8	3,895	71,309	75,204							6,342,000
9	2,172	71,444	73,616							6,321,000
10	1,899	69,935	71,834							6,300,000
11	1,920	68,243	70,163							6,278,000
12	2,627	66,655	69,282							6,257,000
13	3,771	65,817	69,588							6,236,000
14	3,328	66,109	69,437							6,214,000
15	4,608	65,965	70,573							6,193,000
16	1,615	67,045	68,660							6,172,000
17	1,527	65,227	66,754							6,150,000
18	3,201	63,416	66,617							6,129,000
19	3,376	63,286	66,662							6,108,000
20	3,797	63,329	67,126							6,086,000
21	3,588	63,770	67,358							6,065,000
22	3,071	63,990	67,061							6,044,000
23	2,183	63,708	65,891							6,022,000
24	2,222	62,596	64,818							6,001,000
25	3,488	61,577	65,065							5,980,000
26	3,443	61,812	65,255							5,959,000
27	4,012	61,992	66,004							5,937,000
28	3,708	62,704	66,412							5,916,000
29	3,400	63,091	66,491							5,895,000
30	2,196	63,167	65,363							5,873,000
31	2,061	62,095	64,156							5,852,000

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.