

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

OCTOBER 2016

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 28, 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			
			100,000							
1	2,350	95,000	97,350							4,531,000
2	2,755	92,483	95,238							4,509,000
3	2,619	90,476	93,095							4,488,000
4	1,928	88,440	90,368							4,467,000
5	2,417	85,849	88,266							4,445,000
6	1,426	83,853	85,279							4,424,000
7	2,602	81,015	83,617							4,403,000
8	1,644	79,436	81,080							4,382,000
9	2,143	77,026	79,169							4,360,000
10	2,002	75,211	77,213							4,339,000
11	2,670	73,352	76,022							4,318,000
12	2,739	72,221	74,960							4,296,000
13	3,210	71,212	74,422							4,275,000
14	6,506	70,701	77,207							4,254,000
15	5,763	73,347	79,110							4,232,000
16	5,637	75,154	80,791							4,211,000
17	4,974	76,752	81,726							4,190,000
18	2,961	77,639	80,600							4,168,000
19	2,755	76,570	79,325							4,147,000
20	2,945	75,359	78,304							4,126,000
21	2,996	74,389	77,385							4,104,000
22	1,157	73,516	74,673							4,083,000
23	696	70,939	71,635							4,062,000
24	2,869	68,053	70,922							4,041,000
25	7,352	67,376	74,728							4,019,000
26	7,799	70,992	78,791							3,998,000
27	10,943	74,851	85,794							3,977,000
28	8,570	81,504	90,074							3,955,000
29	10,040	85,571	95,611							3,934,000
30	20,101	90,830	110,931							3,913,000
31	17,742	105,385	123,127							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.