

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

NOVEMBER 2018

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 12, 2018

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			
			67,351							
1	1,516	63,983	65,499							3,870,000
2	3,109	62,224	65,333							3,849,000
3	1,982	62,067	64,049							3,827,000
4	3,641	60,846	64,487							3,806,000
5	3,904	61,263	65,167							3,785,000
6	2,282	61,909	64,191							3,763,000
7	2,950	60,981	63,931							3,742,000
8	2,887	60,735	63,622							3,721,000
9	2,975	60,440	63,415							3,700,000
10	3,490	60,245	63,735							3,678,000
11	3,916	60,548	64,464							3,657,000
12	2,809	61,241	64,050							3,636,000
13	2,786	60,847	63,633							3,614,000
14	2,676	60,452	63,128							3,593,000
15	3,272	59,971	63,243							3,572,000
16	3,470	60,081	63,551							3,550,000
17	2,548	60,374	62,922							3,529,000
18	3,736	59,775	63,511							3,508,000
19	3,017	60,336	63,353							3,486,000
20	3,542	60,185	63,727							3,465,000
21	4,456	60,541	64,997							3,444,000
22	6,091	61,747	67,838							3,422,000
23	6,887	64,446	71,333							3,401,000
24	3,993	67,766	71,759							3,380,000
25	5,384	68,171	73,555							3,359,000
26	1,889	69,878	71,767							3,337,000
27	4,684	68,178	72,862							3,316,000
28	4,090	69,219	73,309							3,295,000
29	9,013	69,644	78,657							3,273,000
30	5,183	74,724	79,907							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.