

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

NOVEMBER 2019

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 20, 2019

DAY	SHASTA INFLOW C. F. S. 1	PREV DAY F. C. PAR (COL 3) X .95 2	F. C. PARAM (COLS. 1 + 2) 3	.0356* X DAYS 12/23 THRU 3/20 4	530,000 MINUS F. C. PARAM (COL 3) 5	COLS 4 X 5 6	F. C. RESERV (1,300,000 - COL 6) 7	MINUS 14,943 PER DAY AFTER 3/20 8	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
			81,376							
1	1,871	77,307	79,178							3,870,000
2	2,359	75,219	77,578							3,849,000
3	2,620	73,699	76,319							3,827,000
4	2,914	72,503	75,417							3,806,000
5	2,298	71,646	73,944							3,785,000
6	2,170	70,247	72,417							3,763,000
7	2,166	68,796	70,962							3,742,000
8	2,536	67,414	69,950							3,721,000
9	4,080	66,453	70,533							3,700,000
10	3,998	67,006	71,004							3,678,000
11	3,618	67,454	71,072							3,657,000
12	3,743	67,518	71,261							3,636,000
13	3,599	67,698	71,297							3,614,000
14	3,628	67,732	71,360							3,593,000
15	3,482	67,792	71,274							3,572,000
16	3,179	67,711	70,890							3,550,000
17	3,395	67,345	70,740							3,529,000
18	3,622	67,203	70,825							3,508,000
19	3,660	67,284	70,944							3,486,000
20	4,316	67,397	71,713							3,465,000
21	3,973	68,127	72,100							3,444,000
22	3,496	68,495	71,991							3,422,000
23	3,956	68,391	72,347							3,401,000
24	3,220	68,730	71,950							3,380,000
25	2,927	68,353	71,280							3,359,000
26	5,400	67,716	73,116							3,337,000
27	5,842	69,460	75,302							3,316,000
28	4,683	71,537	76,220							3,295,000
29	4,130	72,409	76,539							3,273,000
30	4,705	72,712	77,417							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.