

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

NOVEMBER 2020

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 7, 2021

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
			67,344							
1	2,460	63,977	66,437							3,870,000
2	2,998	63,115	66,113							3,849,000
3	2,054	62,807	64,861							3,827,000
4	3,203	61,618	64,821							3,806,000
5	2,653	61,580	64,233							3,785,000
6	2,142	61,021	63,163							3,763,000
7	2,321	60,005	62,326							3,742,000
8	3,785	59,210	62,995							3,721,000
9	3,845	59,845	63,690							3,700,000
10	3,118	60,506	63,624							3,678,000
11	3,016	60,442	63,458							3,657,000
12	3,786	60,286	64,072							3,636,000
13	4,542	60,868	65,410							3,614,000
14	3,376	62,139	65,515							3,593,000
15	2,663	62,240	64,903							3,572,000
16	3,011	61,658	64,669							3,550,000
17	3,620	61,435	65,055							3,529,000
18	5,658	61,802	67,460							3,508,000
19	4,128	64,087	68,215							3,486,000
20	4,192	64,805	68,997							3,465,000
21	3,942	65,547	69,489							3,444,000
22	4,751	66,014	70,765							3,422,000
23	4,249	67,227	71,476							3,401,000
24	2,335	67,902	70,237							3,380,000
25	2,795	66,725	69,520							3,359,000
26	2,574	66,044	68,618							3,337,000
27	3,413	65,187	68,600							3,316,000
28	2,619	65,170	67,789							3,295,000
29	2,267	64,400	66,667							3,273,000
30	2,834	63,334	66,168							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.