

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

DECEMBER 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
			66,168							
1	2,317	62,859	65,176							3,252,000
2	3,557	61,917	65,474							3,252,000
3	2,781	62,201	64,982							3,252,000
4	3,320	61,733	65,053							3,252,000
5	3,352	61,800	65,152							3,252,000
6	2,456	61,894	64,350							3,252,000
7	3,469	61,133	64,602							3,252,000
8	2,840	61,372	64,212							3,252,000
9	2,904	61,001	63,905							3,252,000
10	3,141	60,710	63,851							3,252,000
11	2,780	60,658	63,438							3,252,000
12	2,149	60,266	62,415							3,252,000
13	4,046	59,295	63,341							3,252,000
14	3,123	60,174	63,297							3,252,000
15	3,615	60,132	63,747							3,252,000
16	3,320	60,559	63,879							3,252,000
17	5,263	60,686	65,949							3,252,000
18	3,436	62,651	66,087							3,252,000
19	2,174	62,783	64,957							3,252,000
20	2,865	61,709	64,574							3,252,000
21	3,265	61,345	64,610							3,252,000
22	3,012	61,380	64,392							3,252,000
23	2,984	61,172	64,156							3,252,000
24	3,509	60,948	64,457	0.0356	420,000	14,952	1,285,048			3,267,000
25	4,586	61,234	65,820	0.0712	420,000	29,904	1,270,096			3,282,000
26	3,232	62,529	65,761	0.1068	420,000	44,856	1,255,144			3,297,000
27	2,863	62,473	65,336	0.1424	420,000	59,808	1,240,192			3,312,000
28	3,428	62,070	65,498	0.1780	420,000	74,760	1,225,240			3,327,000
29	3,653	62,223	65,876	0.2136	420,000	89,712	1,210,288			3,342,000
30	3,866	62,582	66,448	0.2492	420,000	104,664	1,195,336			3,357,000
31	3,172	63,125	66,297	0.2848	420,000	119,616	1,180,384			3,372,000

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