

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

JUNE 2022

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 5, 2022

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
			70,662							
1	3,758	67,129	70,887	3.0972	420,000	1,300,000	0	1,090,839		4,552,000
2	4,453	67,342	71,795	3.0972	420,000	1,300,000	0	1,105,782		4,552,000
3	1,831	68,205	70,036	3.0972	420,000	1,300,000	0	1,120,725		4,552,000
4	3,639	66,535	70,174	3.0972	420,000	1,300,000	0	1,135,668		4,552,000
5	4,362	66,665	71,027	3.0972	420,000	1,300,000	0	1,150,611		4,552,000
6	2,217	67,476	69,693	3.0972	420,000	1,300,000	0	1,165,554		4,552,000
7	2,094	66,208	68,302	3.0972	420,000	1,300,000	0	1,180,497		4,552,000
8	2,537	64,887	67,424	3.0972	420,000	1,300,000	0	1,195,440		4,552,000
9	3,205	64,053	67,258	3.0972	420,000	1,300,000	0	1,210,383		4,552,000
10	3,219	63,895	67,114	3.0972	420,000	1,300,000	0	1,225,326		4,552,000
11	3,507	63,758	67,265	3.0972	420,000	1,300,000	0	1,240,269		4,552,000
12	3,736	63,902	67,638	3.0972	420,000	1,300,000	0	1,255,212		4,552,000
13	3,257	64,256	67,513	3.0972	420,000	1,300,000	0	1,270,155		4,552,000
14	3,087	64,137	67,224	3.0972	420,000	1,300,000	0	1,285,098		4,552,000
15	2,858	63,863	66,721	3.0972	420,000	1,300,000	0	1,300,041		4,552,000

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.