

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

JUNE 2020

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 4, 2020

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
			106,653							
1	4,568	101,321	105,889	3.0976	420,000	1,300,000	0	1,090,839		4,552,000
2	3,884	100,594	104,478	3.0976	420,000	1,300,000	0	1,105,782		4,552,000
3	4,249	99,254	103,503	3.0976	420,000	1,300,000	0	1,120,725		4,552,000
4	5,282	98,328	103,610	3.0976	420,000	1,300,000	0	1,135,668		4,552,000
5	3,654	98,430	102,084	3.0976	420,000	1,300,000	0	1,150,611		4,552,000
6	2,472	96,979	99,451	3.0976	420,000	1,300,000	0	1,165,554		4,552,000
7	3,099	94,479	97,578	3.0976	420,000	1,300,000	0	1,180,497		4,552,000
8	2,926	92,699	95,625	3.0976	420,000	1,300,000	0	1,195,440		4,552,000
9	3,990	90,844	94,834	3.0976	420,000	1,300,000	0	1,210,383		4,552,000
10	3,058	90,092	93,150	3.0976	420,000	1,300,000	0	1,225,326		4,552,000
11	6,701	88,493	95,194	3.0976	420,000	1,300,000	0	1,240,269		4,552,000
12	2,473	90,434	92,907	3.0976	420,000	1,300,000	0	1,255,212		4,552,000
13	3,231	88,262	91,493	3.0976	420,000	1,300,000	0	1,270,155		4,552,000
14	3,282	86,918	90,200	3.0976	420,000	1,300,000	0	1,285,098		4,552,000
15	3,523	85,690	89,213	3.0976	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.