

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

FEBRUARY 2021

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 2, 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
			85,805							
1	6,399	81,515	87,914	1.4240	420,000	598,080	701,920			3,850,000
2	8,771	83,518	92,289	1.4596	420,000	613,032	686,968			3,865,000
3	9,985	87,674	97,659	1.4952	420,000	627,984	672,016			3,880,000
4	7,875	92,776	100,651	1.5308	420,000	642,936	657,064			3,895,000
5	4,940	95,619	100,559	1.5664	420,000	657,888	642,112			3,910,000
6	4,928	95,531	100,459	1.6020	420,000	672,840	627,160			3,925,000
7	4,691	95,436	100,127	1.6376	420,000	687,792	612,208			3,940,000
8	4,189	95,121	99,310	1.6732	420,000	702,744	597,256			3,955,000
9	4,198	94,344	98,542	1.7088	420,000	717,696	582,304			3,970,000
10	4,803	93,615	98,418	1.7444	420,000	732,648	567,352			3,985,000
11	5,411	93,497	98,908	1.7800	420,000	747,600	552,400			4,000,000
12	5,797	93,963	99,760	1.8156	420,000	762,552	537,448			4,015,000
13	7,649	94,772	102,421	1.8512	420,000	777,504	522,496			4,030,000
14	6,353	97,300	103,653	1.8868	420,000	792,456	507,544			4,044,000
15	6,263	98,470	104,733	1.9224	420,000	807,408	492,592			4,059,000
16	5,326	99,496	104,822	1.9580	420,000	822,360	477,640			4,074,000
17	6,286	99,581	105,867	1.9936	420,000	837,312	462,688			4,089,000
18	5,328	100,574	105,902	2.0292	420,000	852,264	447,736			4,104,000
19	5,394	100,607	106,001	2.0648	420,000	867,216	432,784			4,119,000
20	4,093	100,701	104,794	2.1004	420,000	882,168	417,832			4,134,000
21	4,636	99,554	104,190	2.1360	420,000	897,120	402,880			4,149,000
22	4,080	98,981	103,061	2.1716	420,000	912,072	387,928			4,164,000
23	4,872	97,908	102,780	2.2072	420,000	927,024	372,976			4,179,000
24	5,059	97,641	102,700	2.2428	420,000	941,976	358,024			4,194,000
25	4,163	97,565	101,728	2.2784	420,000	956,928	343,072			4,209,000
26	4,141	96,641	100,782	2.3140	420,000	971,880	328,120			4,224,000
27	4,297	95,743	100,040	2.3496	420,000	986,832	313,168			4,239,000
28	4,933	95,038	99,971	2.3852	420,000	1,001,784	298,216			4,254,000

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.