

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

JULY 2022

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 12, 2022

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3) X .95	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM (COL 3)	COLS 4 X 5	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER 3/20 8	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
	1	2	3	4	5	6	7	8		
			61,021							
1	2,768	57,970	60,738							6,491,000
2	2,428	57,701	60,129							6,470,000
3	1,913	57,123	59,036							6,449,000
4	2,353	56,084	58,437							6,427,000
5	2,430	55,515	57,945							6,406,000
6	2,700	55,048	57,748							6,385,000
7	2,591	54,861	57,452							6,363,000
8	2,797	54,579	57,376							6,342,000
9	1,572	54,507	56,079							6,321,000
10	2,239	53,275	55,514							6,300,000
11	1,647	52,738	54,385							6,278,000
12	4,155	51,666	55,821							6,257,000
13	3,431	53,030	56,461							6,236,000
14	2,435	53,638	56,073							6,214,000
15	3,045	53,269	56,314							6,193,000
16	2,180	53,499	55,679							6,172,000
17	1,337	52,895	54,232							6,150,000
18	2,915	51,520	54,435							6,129,000
19	3,496	51,713	55,209							6,108,000
20	3,030	52,449	55,479							6,086,000
21	1,970	52,705	54,675							6,065,000
22	2,071	51,941	54,012							6,044,000
23	1,911	51,312	53,223							6,022,000
24	2,233	50,562	52,795							6,001,000
25	2,552	50,155	52,707							5,980,000
26	2,724	50,071	52,795							5,959,000
27	2,179	50,156	52,335							5,937,000
28	2,415	49,718	52,133							5,916,000
29	1,755	49,526	51,281							5,895,000
30	1,973	48,717	50,690							5,873,000
31	2,293	48,156	50,449							5,852,000

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.