

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

JULY 2021

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 16, 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
			51,355							
1	2,924	48,787	51,711							6,491,000
2	2,288	49,126	51,414							6,470,000
3	2,235	48,843	51,078							6,449,000
4	2,097	48,524	50,621							6,427,000
5	2,097	48,090	50,187							6,406,000
6	1,949	47,678	49,627							6,385,000
7	1,622	47,145	48,767							6,363,000
8	2,715	46,329	49,044							6,342,000
9	3,508	46,592	50,100							6,321,000
10	2,781	47,595	50,376							6,300,000
11	2,577	47,857	50,434							6,278,000
12	2,065	47,912	49,977							6,257,000
13	2,075	47,478	49,553							6,236,000
14	2,977	47,076	50,053							6,214,000
15	2,294	47,550	49,844							6,193,000
16	1,567	47,352	48,919							6,172,000
17	2,132	46,473	48,605							6,150,000
18	1,821	46,175	47,996							6,129,000
19	1,903	45,596	47,499							6,108,000
20	2,583	45,124	47,707							6,086,000
21	2,657	45,322	47,979							6,065,000
22	2,537	45,580	48,117							6,044,000
23	2,657	45,711	48,368							6,022,000
24	2,096	45,949	48,045							6,001,000
25	1,612	45,643	47,255							5,980,000
26	2,133	44,892	47,025							5,959,000
27	2,730	44,674	47,404							5,937,000
28	2,628	45,034	47,662							5,916,000
29	2,149	45,279	47,428							5,895,000
30	2,475	45,056	47,531							5,873,000
31	3,134	45,155	48,289							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