

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

OCTOBER 2018

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 13, 2018

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	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
1	2	3	4	5	6	7	8			
			100,000							
1	3,274	95,000	98,274							4,531,000
2	2,696	93,360	96,056							4,509,000
3	4,088	91,253	95,341							4,488,000
4	2,741	90,574	93,315							4,467,000
5	2,707	88,650	91,357							4,445,000
6	4,592	86,789	91,381							4,424,000
7	2,666	86,812	89,478							4,403,000
8	2,956	85,004	87,960							4,382,000
9	2,914	83,562	86,476							4,360,000
10	1,965	82,152	84,117							4,339,000
11	2,959	79,911	82,870							4,318,000
12	2,613	78,727	81,340							4,296,000
13	3,183	77,273	80,456							4,275,000
14	3,253	76,433	79,686							4,254,000
15	3,676	75,702	79,378							4,232,000
16	1,238	75,409	76,647							4,211,000
17	3,136	72,814	75,950							4,190,000
18	3,919	72,153	76,072							4,168,000
19	4,314	72,268	76,582							4,147,000
20	1,666	72,753	74,419							4,126,000
21	2,389	70,698	73,087							4,104,000
22	3,301	69,433	72,734							4,083,000
23	2,685	69,097	71,782							4,062,000
24	2,545	68,193	70,738							4,041,000
25	2,738	67,201	69,939							4,019,000
26	3,110	66,442	69,552							3,998,000
27	2,341	66,075	68,416							3,977,000
28	2,766	64,995	67,761							3,955,000
29	2,892	64,373	67,265							3,934,000
30	3,249	63,902	67,151							3,913,000
31	3,558	63,793	67,351							3,891,000

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.