

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

JULY 2018

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 3, 2018

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
			80,412							
1	2,401	76,392	78,793							6,491,000
2	4,503	74,853	79,356							6,470,000
3	3,403	75,388	78,791							6,449,000
4	2,046	74,852	76,898							6,427,000
5	3,280	73,053	76,333							6,406,000
6	2,854	72,516	75,370							6,385,000
7	3,408	71,602	75,010							6,363,000
8	2,944	71,259	74,203							6,342,000
9	3,235	70,493	73,728							6,321,000
10	2,747	70,042	72,789							6,300,000
11	3,294	69,149	72,443							6,278,000
12	2,437	68,821	71,258							6,257,000
13	3,254	67,695	70,949							6,236,000
14	1,955	67,402	69,357							6,214,000
15	3,183	65,889	69,072							6,193,000
16	2,888	65,618	68,506							6,172,000
17	3,156	65,081	68,237							6,150,000
18	3,421	64,825	68,246							6,129,000
19	2,357	64,834	67,191							6,108,000
20	3,987	63,831	67,818							6,086,000
21	2,769	64,427	67,196							6,065,000
22	3,602	63,837	67,439							6,044,000
23	2,944	64,067	67,011							6,022,000
24	3,881	63,660	67,541							6,001,000
25	3,983	64,164	68,147							5,980,000
26	3,565	64,740	68,305							5,959,000
27	3,030	64,889	67,919							5,937,000
28	3,676	64,523	68,199							5,916,000
29	3,247	64,790	68,037							5,895,000
30	3,595	64,635	68,230							5,873,000
31	3,536	64,818	68,354							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