

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

DECEMBER 2018

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 28, 2019

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
			79,907							
1	3,605	75,912	79,517							3,252,000
2	4,038	75,541	79,579							3,252,000
3	3,365	75,600	78,965							3,252,000
4	5,277	75,017	80,294							3,252,000
5	3,893	76,279	80,172							3,252,000
6	3,319	76,163	79,482							3,252,000
7	2,827	75,508	78,335							3,252,000
8	3,363	74,418	77,781							3,252,000
9	3,383	73,892	77,275							3,252,000
10	4,787	73,412	78,199							3,252,000
11	3,232	74,289	77,521							3,252,000
12	3,316	73,645	76,961							3,252,000
13	2,541	73,113	75,654							3,252,000
14	3,520	71,871	75,391							3,252,000
15	4,762	71,621	76,383							3,252,000
16	10,516	72,564	83,080							3,252,000
17	9,103	78,926	88,029							3,252,000
18	7,287	83,628	90,915							3,252,000
19	7,103	86,369	93,472							3,252,000
20	6,327	88,798	95,125							3,252,000
21	6,182	90,369	96,551							3,252,000
22	5,502	91,724	97,226							3,252,000
23	5,452	92,364	97,816							3,252,000
24	7,128	92,925	100,053	0.0356	420,000	14,952	1,285,048			3,267,000
25	5,333	95,051	100,384	0.0712	420,000	29,904	1,270,096			3,282,000
26	5,314	95,365	100,679	0.1068	420,000	44,856	1,255,144			3,297,000
27	4,565	95,645	100,210	0.1424	420,000	59,808	1,240,192			3,312,000
28	5,707	95,199	100,906	0.1780	420,000	74,760	1,225,240			3,327,000
29	4,453	95,861	100,314	0.2136	420,000	89,712	1,210,288			3,342,000
30	3,560	95,298	98,858	0.2492	420,000	104,664	1,195,336			3,357,000
31	4,789	93,915	98,704	0.2848	420,000	119,616	1,180,384			3,372,000

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