

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

DECEMBER 2017

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: January 10, 2018

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3)	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM	COLS	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
	1	2	3	4	5	6	7	8		
			110,608							
1	6,437	105,078	111,515							3,252,000
2	5,749	105,939	111,688							3,252,000
3	4,643	106,104	110,747							3,252,000
4	4,058	105,209	109,267							3,252,000
5	3,335	103,804	107,139							3,252,000
6	4,521	101,782	106,303							3,252,000
7	4,594	100,988	105,582							3,252,000
8	4,054	100,303	104,357							3,252,000
9	4,390	99,139	103,529							3,252,000
10	4,784	98,352	103,136							3,252,000
11	3,318	97,980	101,298							3,252,000
12	4,588	96,233	100,821							3,252,000
13	3,422	95,780	99,202							3,252,000
14	3,824	94,242	98,066							3,252,000
15	4,097	93,162	97,259							3,252,000
16	3,684	92,396	96,080							3,252,000
17	3,407	91,276	94,683							3,252,000
18	4,134	89,949	94,083							3,252,000
19	3,919	89,379	93,298							3,252,000
20	3,958	88,633	92,591							3,252,000
21	3,794	87,962	91,756							3,252,000
22	3,400	87,168	90,568							3,252,000
23	4,324	86,039	90,363							3,252,000
24	4,269	85,845	90,114	0.0356	420,000	14,952	1,285,048			3,267,000
25	3,886	85,608	89,494	0.0712	420,000	29,904	1,270,096			3,282,000
26	3,653	85,020	88,673	0.1068	420,000	44,856	1,255,144			3,297,000
27	4,441	84,239	88,680	0.1424	420,000	59,808	1,240,192			3,312,000
28	3,283	84,246	87,529	0.1780	420,000	74,760	1,225,240			3,327,000
29	3,517	83,153	86,670	0.2136	420,000	89,712	1,210,288			3,342,000
30	4,644	82,336	86,980	0.2492	420,000	104,664	1,195,336			3,357,000
31	3,598	82,631	86,229	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.