

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

JUNE 2014

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 15, 2014

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			
			73,583							
1	2,916	69,903	72,819	3.0972	420,000	1,300,000	0	1,090,839		4,552,000
2	2,996	69,178	72,174	3.0972	420,000	1,300,000	0	1,105,782		4,552,000
3	2,503	68,566	71,069	3.0972	420,000	1,300,000	0	1,120,725		4,552,000
4	2,671	67,515	70,186	3.0972	420,000	1,300,000	0	1,135,668		4,552,000
5	2,711	66,677	69,388	3.0972	420,000	1,300,000	0	1,150,611		4,552,000
6	2,784	65,919	68,703	3.0972	420,000	1,300,000	0	1,165,554		4,552,000
7	2,450	65,267	67,717	3.0972	420,000	1,300,000	0	1,180,497		4,552,000
8	2,383	64,332	66,715	3.0972	420,000	1,300,000	0	1,195,440		4,552,000
9	3,002	63,379	66,381	3.0972	420,000	1,300,000	0	1,210,383		4,552,000
10	1,853	63,062	64,915	3.0972	420,000	1,300,000	0	1,225,326		4,552,000
11	3,179	61,669	64,848	3.0972	420,000	1,300,000	0	1,240,269		4,552,000
12	2,695	61,606	64,301	3.0972	420,000	1,300,000	0	1,255,212		4,552,000
13	2,571	61,086	63,657	3.0972	420,000	1,300,000	0	1,270,155		4,552,000
14	2,384	60,474	62,858	3.0972	420,000	1,300,000	0	1,285,098		4,552,000
15	2,398	59,715	62,113	3.0972	420,000	1,300,000	0	1,300,041		4,552,000

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.