

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

JUNE 2013

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 26, 2013

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			
			85,020							
1	3,538	80,769	84,307	3.0972	420,000	1,300,000	0	1,090,839		4,552,000
2	3,000	80,091	83,091	3.0972	420,000	1,300,000	0	1,105,782		4,552,000
3	4,220	78,937	83,157	3.0972	420,000	1,300,000	0	1,120,725		4,552,000
4	3,674	78,999	82,673	3.0972	420,000	1,300,000	0	1,135,668		4,552,000
5	3,894	78,539	82,433	3.0972	420,000	1,300,000	0	1,150,611		4,552,000
6	3,388	78,312	81,700	3.0972	420,000	1,300,000	0	1,165,554		4,552,000
7	3,216	77,615	80,831	3.0972	420,000	1,300,000	0	1,180,497		4,552,000
8	1,914	76,789	78,703	3.0972	420,000	1,300,000	0	1,195,440		4,552,000
9	2,719	74,768	77,487	3.0972	420,000	1,300,000	0	1,210,383		4,552,000
10	3,967	73,613	77,580	3.0972	420,000	1,300,000	0	1,225,326		4,552,000
11	3,379	73,701	77,080	3.0972	420,000	1,300,000	0	1,240,269		4,552,000
12	3,157	73,226	76,383	3.0972	420,000	1,300,000	0	1,255,212		4,552,000
13	2,974	72,564	75,538	3.0972	420,000	1,300,000	0	1,270,155		4,552,000
14	3,326	71,761	75,087	3.0972	420,000	1,300,000	0	1,285,098		4,552,000
15	3,059	71,332	74,391	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.