

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

AUGUST 2015

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 10, 2015

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		
			51,930							
1	2,547	49,333	51,880							5,831,000
2	2,700	49,286	51,986							5,809,000
3	2,693	49,387	52,080							5,788,000
4	2,311	49,476	51,787							5,767,000
5	1,839	49,197	51,036							5,745,000
6	1,597	48,485	50,082							5,724,000
7	1,356	47,578	48,934							5,703,000
8	2,202	46,487	48,689							5,682,000
9	1,748	46,254	48,002							5,660,000
10	2,301	45,602	47,903							5,639,000
11	2,271	45,508	47,779							5,618,000
12	720	45,390	46,110							5,596,000
13	2,499	43,805	46,304							5,575,000
14	2,030	43,988	46,018							5,554,000
15	2,073	43,718	45,791							5,532,000
16	2,347	43,501	45,848							5,511,000
17	3,945	43,556	47,501							5,490,000
18	2,560	45,126	47,686							5,468,000
19	2,405	45,301	47,706							5,447,000
20	1,819	45,321	47,140							5,426,000
21	2,308	44,783	47,091							5,404,000
22	2,093	44,736	46,829							5,383,000
23	2,140	44,488	46,628							5,362,000
24	2,172	44,297	46,469							5,341,000
25	2,289	44,145	46,434							5,319,000
26	2,645	44,112	46,757							5,298,000
27	1,733	44,420	46,153							5,277,000
28	2,620	43,845	46,465							5,255,000
29	2,485	44,142	46,627							5,234,000
30	2,534	44,295	46,829							5,213,000
31	2,098	44,488	46,586							5,191,000

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.