

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

JULY 2013

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 14, 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			
			76,352							
1	2,973	72,534	75,507							6,491,000
2	2,663	71,732	74,395							6,470,000
3	3,736	70,675	74,411							6,449,000
4	1,878	70,691	72,569							6,427,000
5	2,875	68,940	71,815							6,406,000
6	3,164	68,225	71,389							6,385,000
7	3,661	67,819	71,480							6,363,000
8	3,660	67,906	71,566							6,342,000
9	2,492	67,988	70,480							6,321,000
10	-2,414	66,956	64,542							6,300,000
11	3,510	61,315	64,825							6,278,000
12	2,846	61,584	64,430							6,257,000
13	3,433	61,208	64,641							6,236,000
14	3,145	61,409	64,554							6,214,000
15	3,090	61,326	64,416							6,193,000
16	3,024	61,195	64,219							6,172,000
17	2,135	61,008	63,143							6,150,000
18	3,198	59,986	63,184							6,129,000
19	2,317	60,025	62,342							6,108,000
20	3,444	59,225	62,669							6,086,000
21	3,184	59,536	62,720							6,065,000
22	3,325	59,584	62,909							6,044,000
23	2,034	59,763	61,797							6,022,000
24	3,443	58,707	62,150							6,001,000
25	2,973	59,043	62,016							5,980,000
26	3,257	58,915	62,172							5,959,000
27	2,716	59,063	61,779							5,937,000
28	2,724	58,690	61,414							5,916,000
29	2,927	58,344	61,271							5,895,000
30	2,629	58,207	60,836							5,873,000
31	2,933	57,794	60,727							5,852,000

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.