

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

OCTOBER 2014

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 7, 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			
			100,000							
1	1,424	95,000	96,424							4,531,000
2	2,422	91,603	94,025							4,509,000
3	2,734	89,324	92,058							4,488,000
4	2,087	87,455	89,542							4,467,000
5	2,030	85,065	87,095							4,445,000
6	4,492	82,740	87,232							4,424,000
7	4,351	82,870	87,221							4,403,000
8	3,647	82,860	86,507							4,382,000
9	3,266	82,182	85,448							4,360,000
10	1,789	81,175	82,964							4,339,000
11	1,474	78,816	80,290							4,318,000
12	1,369	76,276	77,645							4,296,000
13	2,502	73,762	76,264							4,275,000
14	3,488	72,451	75,939							4,254,000
15	3,401	72,142	75,543							4,232,000
16	3,443	71,766	75,209							4,211,000
17	3,182	71,449	74,631							4,190,000
18	2,511	70,899	73,410							4,168,000
19	2,223	69,740	71,963							4,147,000
20	2,752	68,365	71,117							4,126,000
21	2,768	67,561	70,329							4,104,000
22	2,513	66,812	69,325							4,083,000
23	3,326	65,859	69,185							4,062,000
24	4,217	65,726	69,943							4,041,000
25	6,847	66,446	73,293							4,019,000
26	2,872	69,628	72,500							3,998,000
27	2,851	68,875	71,726							3,977,000
28	2,743	68,140	70,883							3,955,000
29	2,269	67,339	69,608							3,934,000
30	2,966	66,127	69,093							3,913,000
31	3,876	65,639	69,515							3,891,000

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.