

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

OCTOBER 2009

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 1, 2009

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	2,581	95,000	97,581							4,531,000
2	2,791	92,702	95,493							4,509,000
3	2,523	90,718	93,241							4,488,000
4	2,499	88,579	91,078							4,467,000
5	2,636	86,524	89,160							4,445,000
6	2,699	84,702	87,401							4,424,000
7	2,457	83,031	85,488							4,403,000
8	2,897	81,214	84,111							4,382,000
9	3,171	79,905	83,076							4,360,000
10	2,640	78,922	81,562							4,339,000
11	2,694	77,484	80,178							4,318,000
12	3,855	76,169	80,024							4,296,000
13	9,672	76,023	85,695							4,275,000
14	19,800	81,410	101,210							4,254,000
15	9,076	96,150	105,226							4,232,000
16	5,044	99,965	105,009							4,211,000
17	4,512	99,758	104,270							4,190,000
18	4,253	99,057	103,310							4,168,000
19	4,528	98,144	102,672							4,147,000
20	4,415	97,539	101,954							4,126,000
21	3,986	96,856	100,842							4,104,000
22	3,899	95,800	99,699							4,083,000
23	4,245	94,714	98,959							4,062,000
24	3,608	94,011	97,619							4,041,000
25	3,846	92,738	96,584							4,019,000
26	3,564	91,755	95,319							3,998,000
27	3,535	90,553	94,088							3,977,000
28	3,504	89,383	92,887							3,955,000
29	3,336	88,243	91,579							3,934,000
30	3,145	87,000	90,145							3,913,000
31	3,287	85,638	88,925							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.