

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

OCTOBER 2011

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 1, 2011

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	3,521	95,000	98,521							4,531,000
2	3,016	93,595	96,611							4,509,000
3	3,510	91,780	95,290							4,488,000
4	5,405	90,526	95,931							4,467,000
5	5,030	91,134	96,164							4,445,000
6	3,806	91,356	95,162							4,424,000
7	3,318	90,404	93,722							4,403,000
8	3,616	89,036	92,652							4,382,000
9	3,030	88,019	91,049							4,360,000
10	4,795	86,497	91,292							4,339,000
11	3,738	86,727	90,465							4,318,000
12	3,996	85,942	89,938							4,296,000
13	4,977	85,441	90,418							4,275,000
14	3,062	85,897	88,959							4,254,000
15	2,965	84,511	87,476							4,232,000
16	2,873	83,102	85,975							4,211,000
17	3,762	81,677	85,439							4,190,000
18	3,730	81,167	84,897							4,168,000
19	3,287	80,652	83,939							4,147,000
20	4,008	79,742	83,750							4,126,000
21	3,859	79,562	83,421							4,104,000
22	3,957	79,250	83,207							4,083,000
23	3,841	79,047	82,888							4,062,000
24	4,048	78,744	82,792							4,041,000
25	3,284	78,652	81,936							4,019,000
26	3,724	77,839	81,563							3,998,000
27	3,868	77,485	81,353							3,977,000
28	3,837	77,285	81,122							3,955,000
29	3,353	77,066	80,419							3,934,000
30	3,648	76,398	80,046							3,913,000
31	3,922	76,044	79,966							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.