

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

NOVEMBER 2011

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 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			
			79,966							
1	4,358	75,968	80,326							3,870,000
2	4,832	76,309	81,141							3,849,000
3	4,677	77,084	81,761							3,827,000
4	4,119	77,673	81,792							3,806,000
5	4,864	77,703	82,567							3,785,000
6	4,223	78,438	82,661							3,763,000
7	4,234	78,528	82,762							3,742,000
8	3,921	78,624	82,545							3,721,000
9	3,390	78,418	81,808							3,700,000
10	3,553	77,718	81,271							3,678,000
11	3,799	77,207	81,006							3,657,000
12	3,710	76,956	80,666							3,636,000
13	3,536	76,632	80,168							3,614,000
14	3,353	76,160	79,513							3,593,000
15	3,684	75,537	79,221							3,572,000
16	4,023	75,260	79,283							3,550,000
17	3,395	75,319	78,714							3,529,000
18	3,767	74,778	78,545							3,508,000
19	4,511	74,618	79,129							3,486,000
20	4,062	75,173	79,235							3,465,000
21	3,565	75,273	78,838							3,444,000
22	4,842	74,896	79,738							3,422,000
23	5,381	75,751	81,132							3,401,000
24	5,758	77,076	82,834							3,380,000
25	4,463	78,692	83,155							3,359,000
26	4,747	78,997	83,744							3,337,000
27	4,049	79,557	83,606							3,316,000
28	4,015	79,426	83,441							3,295,000
29	4,057	79,269	83,326							3,273,000
30	3,123	79,159	82,282							3,252,000

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.