

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

DECEMBER 2013

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 27, 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			
			63,092							
1	2,467	59,937	62,404							3,252,000
2	3,149	59,284	62,433							3,252,000
3	1,931	59,311	61,242							3,252,000
4	2,911	58,180	61,091							3,252,000
5	3,433	58,037	61,470							3,252,000
6	3,340	58,396	61,736							3,252,000
7	3,170	58,649	61,819							3,252,000
8	2,487	58,728	61,215							3,252,000
9	2,593	58,155	60,748							3,252,000
10	2,880	57,710	60,590							3,252,000
11	2,473	57,561	60,034							3,252,000
12	2,196	57,032	59,228							3,252,000
13	3,528	56,267	59,795							3,252,000
14	3,003	56,805	59,808							3,252,000
15	2,494	56,818	59,312							3,252,000
16	5,001	56,346	61,347							3,252,000
17	3,789	58,280	62,069							3,252,000
18	1,140	58,965	60,105							3,252,000
19	1,557	57,100	58,657							3,252,000
20	1,648	55,724	57,372							3,252,000
21	2,084	54,503	56,587							3,252,000
22	2,751	53,758	56,509							3,252,000
23	2,558	53,684	56,242							3,252,000
24	2,781	53,430	56,211	0.0356	420,000	14,952	1,285,048			3,267,000
25	1,768	53,400	55,168	0.0712	420,000	29,904	1,270,096			3,282,000
26	2,416	52,410	54,826	0.1068	420,000	44,856	1,255,144			3,297,000
27	2,947	52,084	55,031	0.1424	420,000	59,808	1,240,192			3,312,000
28	3,506	52,280	55,786	0.1780	420,000	74,760	1,225,240			3,327,000
29	7,151	52,997	60,148	0.2136	420,000	89,712	1,210,288			3,342,000
30	3,696	57,140	60,836	0.2492	420,000	104,664	1,195,336			3,357,000
31	2,817	57,794	60,611	0.2848	420,000	119,616	1,180,384			3,372,000

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.