

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

JULY 2014

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 20, 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			
			56,647							
1	2,032	53,815	55,847							6,491,000
2	2,928	53,055	55,983							6,470,000
3	2,244	53,184	55,428							6,449,000
4	1,728	52,656	54,384							6,427,000
5	2,320	51,665	53,985							6,406,000
6	2,555	51,286	53,841							6,385,000
7	2,787	51,149	53,936							6,363,000
8	2,647	51,239	53,886							6,342,000
9	2,729	51,192	53,921							6,321,000
10	1,961	51,225	53,186							6,300,000
11	1,385	50,526	51,911							6,278,000
12	2,274	49,316	51,590							6,257,000
13	2,830	49,010	51,840							6,236,000
14	3,098	49,248	52,346							6,214,000
15	2,668	49,729	52,397							6,193,000
16	1,574	49,777	51,351							6,172,000
17	1,846	48,784	50,630							6,150,000
18	2,827	48,098	50,925							6,129,000
19	3,187	48,379	51,566							6,108,000
20	1,418	48,988	50,406							6,086,000
21	2,763	47,885	50,648							6,065,000
22	2,791	48,116	50,907							6,044,000
23	2,365	48,361	50,726							6,022,000
24	2,950	48,190	51,140							6,001,000
25	2,742	48,583	51,325							5,980,000
26	2,270	48,759	51,029							5,959,000
27	2,482	48,477	50,959							5,937,000
28	3,176	48,411	51,587							5,916,000
29	1,885	49,008	50,893							5,895,000
30	2,099	48,348	50,447							5,873,000
31	2,979	47,925	50,904							5,852,000

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.