

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

AUGUST 2014

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 8, 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			
			50,904							
1	2,082	48,359	50,441							5,831,000
2	3,823	47,919	51,742							5,809,000
3	2,779	49,155	51,934							5,788,000
4	2,523	49,337	51,860							5,767,000
5	1,518	49,267	50,785							5,745,000
6	1,341	48,246	49,587							5,724,000
7	1,998	47,107	49,105							5,703,000
8	2,043	46,650	48,693							5,682,000
9	2,270	46,259	48,529							5,660,000
10	2,452	46,102	48,554							5,639,000
11	3,187	46,126	49,313							5,618,000
12	2,585	46,848	49,433							5,596,000
13	2,588	46,961	49,549							5,575,000
14	2,501	47,072	49,573							5,554,000
15	2,479	47,094	49,573							5,532,000
16	2,395	47,094	49,489							5,511,000
17	2,263	47,015	49,278							5,490,000
18	2,235	46,814	49,049							5,468,000
19	1,933	46,597	48,530							5,447,000
20	2,414	46,103	48,517							5,426,000
21	2,766	46,091	48,857							5,404,000
22	2,238	46,414	48,652							5,383,000
23	2,234	46,220	48,454							5,362,000
24	2,338	46,031	48,369							5,341,000
25	2,481	45,951	48,432							5,319,000
26	3,247	46,010	49,257							5,298,000
27	3,709	46,794	50,503							5,277,000
28	2,267	47,978	50,245							5,255,000
29	1,593	47,733	49,326							5,234,000
30	2,213	46,859	49,072							5,213,000
31	2,316	46,619	48,935							5,191,000

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.