

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

AUGUST 2009

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 1, 2009

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			
			74,224							
1	3,231	70,513	73,744							5,831,000
2	2,940	70,057	72,997							5,809,000
3	2,513	69,347	71,860							5,788,000
4	2,753	68,267	71,020							5,767,000
5	3,046	67,469	70,515							5,745,000
6	3,085	66,989	70,074							5,724,000
7	3,643	66,570	70,213							5,703,000
8	4,141	66,703	70,844							5,682,000
9	2,535	67,302	69,837							5,660,000
10	3,161	66,345	69,506							5,639,000
11	2,697	66,030	68,727							5,618,000
12	3,377	65,291	68,668							5,596,000
13	3,024	65,235	68,259							5,575,000
14	2,708	64,846	67,554							5,554,000
15	3,286	64,176	67,462							5,532,000
16	2,793	64,089	66,882							5,511,000
17	2,865	63,538	66,403							5,490,000
18	2,885	63,083	65,968							5,468,000
19	2,909	62,669	65,578							5,447,000
20	2,918	62,299	65,217							5,426,000
21	2,781	61,957	64,738							5,404,000
22	2,680	61,501	64,181							5,383,000
23	2,764	60,972	63,736							5,362,000
24	2,380	60,549	62,929							5,341,000
25	2,927	59,782	62,709							5,319,000
26	2,743	59,574	62,317							5,298,000
27	3,073	59,201	62,274							5,277,000
28	2,950	59,160	62,110							5,255,000
29	2,585	59,005	61,590							5,234,000
30	2,857	58,510	61,367							5,213,000
31	3,110	58,299	61,409							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.