

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

SEPTEMBER 2010

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 1, 2010

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			
			73,365							
1	3,346	69,697	73,043							5,170,000
2	3,794	69,390	73,184							5,149,000
3	3,825	69,525	73,350							5,127,000
4	3,430	69,683	73,113							5,106,000
5	3,020	69,457	72,477							5,085,000
6	3,577	68,853	72,430							5,063,000
7	3,398	68,809	72,207							5,042,000
8	3,588	68,596	72,184							5,021,000
9	3,157	68,575	71,732							5,000,000
10	35	68,146	68,181							4,978,000
11	4,096	64,771	68,867							4,957,000
12	3,946	65,424	69,370							4,936,000
13	4,020	65,902	69,922							4,914,000
14	4,435	66,426	70,861							4,893,000
15	4,047	67,317	71,364							4,872,000
16	4,513	67,796	72,309							4,850,000
17	4,503	68,694	73,197							4,829,000
18	4,870	69,537	74,407							4,808,000
19	4,919	70,687	75,606							4,786,000
20	4,593	71,825	76,418							4,765,000
21	3,996	72,597	76,593							4,744,000
22	3,509	72,764	76,273							4,722,000
23	4,082	72,459	76,541							4,701,000
24	3,619	72,714	76,333							4,680,000
25	3,752	72,516	76,268							4,659,000
26	3,510	72,455	75,965							4,637,000
27	3,712	72,167	75,879							4,616,000
28	3,594	72,085	75,679							4,595,000
29	3,094	71,895	74,989							4,573,000
30	3,082	71,239	74,321							4,552,000

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.