

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

NOVEMBER 2009

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 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			
			89,018							
1	2,705	84,567	87,272							3,870,000
2	2,977	82,909	85,886							3,849,000
3	3,456	81,592	85,048							3,827,000
4	2,708	80,795	83,503							3,806,000
5	3,732	79,328	83,060							3,785,000
6	4,578	78,907	83,485							3,763,000
7	4,062	79,311	83,373							3,742,000
8	3,425	79,204	82,629							3,721,000
9	3,994	78,498	82,492							3,700,000
10	3,212	78,367	81,579							3,678,000
11	3,876	77,500	81,376							3,657,000
12	3,430	77,307	80,737							3,636,000
13	3,349	76,700	80,049							3,614,000
14	3,131	76,047	79,178							3,593,000
15	3,361	75,219	78,580							3,572,000
16	3,492	74,651	78,143							3,550,000
17	3,657	74,236	77,893							3,529,000
18	3,949	73,998	77,947							3,508,000
19	4,463	74,050	78,513							3,486,000
20	4,497	74,587	79,084							3,465,000
21	3,820	75,130	78,950							3,444,000
22	3,804	75,003	78,807							3,422,000
23	3,874	74,866	78,740							3,401,000
24	3,845	74,803	78,648							3,380,000
25	3,679	74,716	78,395							3,359,000
26	3,683	74,475	78,158							3,337,000
27	3,941	74,250	78,191							3,316,000
28	2,695	74,282	76,977							3,295,000
29	3,772	73,128	76,900							3,273,000
30	3,907	73,055	76,962							3,252,000

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.