

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

JULY 2010

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 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			
			153,025							
1	4,458	145,374	149,832							6,491,000
2	4,874	142,340	147,214							6,470,000
3	4,236	139,853	144,089							6,449,000
4	4,455	136,885	141,340							6,427,000
5	4,439	134,273	138,712							6,406,000
6	3,959	131,776	135,735							6,385,000
7	3,988	128,949	132,937							6,363,000
8	4,268	126,290	130,558							6,342,000
9	4,712	124,030	128,742							6,321,000
10	4,513	122,305	126,818							6,300,000
11	4,262	120,477	124,739							6,278,000
12	3,957	118,502	122,459							6,257,000
13	4,256	116,336	120,592							6,236,000
14	4,417	114,562	118,979							6,214,000
15	3,953	113,030	116,983							6,193,000
16	4,138	111,134	115,272							6,172,000
17	3,918	109,509	113,427							6,150,000
18	3,763	107,755	111,518							6,129,000
19	3,982	105,942	109,924							6,108,000
20	3,801	104,428	108,229							6,086,000
21	3,797	102,818	106,615							6,065,000
22	3,925	101,284	105,209							6,044,000
23	3,358	99,949	103,307							6,022,000
24	3,660	98,141	101,801							6,001,000
25	3,611	96,711	100,322							5,980,000
26	3,820	95,306	99,126							5,959,000
27	3,442	94,170	97,612							5,937,000
28	3,669	92,731	96,400							5,916,000
29	3,697	91,580	95,277							5,895,000
30	3,649	90,513	94,162							5,873,000
31	3,620	89,454	93,074							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.