

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

OCTOBER 2002

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 1, 2002

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			
			100,000							
1	2,867	95,000	97,867							4,531,000
2	3,037	92,974	96,011							4,509,000
3	3,263	91,210	94,473							4,488,000
4	3,619	89,749	93,368							4,467,000
5	3,239	88,700	91,939							4,445,000
6	3,297	87,342	90,639							4,424,000
7	3,306	86,107	89,413							4,403,000
8	2,458	84,942	87,400							4,382,000
9	2,697	83,030	85,727							4,360,000
10	2,573	81,441	84,014							4,339,000
11	3,527	79,813	83,340							4,318,000
12	2,916	79,173	82,089							4,296,000
13	2,851	77,985	80,836							4,275,000
14	2,915	76,794	79,709							4,254,000
15	3,325	75,724	79,049							4,232,000
16	3,473	75,096	78,569							4,211,000
17	2,743	74,641	77,384							4,190,000
18	3,016	73,515	76,531							4,168,000
19	2,734	72,704	75,438							4,147,000
20	3,200	71,666	74,866							4,126,000
21	2,965	71,123	74,088							4,104,000
22	3,728	70,383	74,111							4,083,000
23	3,808	70,406	74,214							4,062,000
24	3,783	70,503	74,286							4,041,000
25	1,915	70,572	72,487							4,019,000
26	1,151	68,863	70,014							3,998,000
27	3,380	66,513	69,893							3,977,000
28	3,924	66,398	70,322							3,955,000
29	3,410	66,806	70,216							3,934,000
30	2,614	66,705	69,319							3,913,000
31	2,676	65,853	68,529							3,891,000

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.