

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

JUNE 2002

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 12, 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			
			123,116							
1	5,076	116,960	122,036	3.0972	407,964	1,263,546	36,454	1,090,839		4,552,000
2	4,296	115,934	120,230	3.0972	409,770	1,269,139	30,861	1,105,782		4,552,000
3	5,211	114,219	119,430	3.0972	410,570	1,271,618	28,382	1,120,725		4,552,000
4	5,177	113,458	118,635	3.0972	411,365	1,274,079	25,921	1,135,668		4,552,000
5	4,674	112,703	117,377	3.0972	412,623	1,277,975	22,025	1,150,611		4,552,000
6	3,883	111,509	115,392	3.0972	414,608	1,284,125	15,875	1,165,554		4,552,000
7	3,969	109,622	113,591	3.0972	416,409	1,289,702	10,298	1,180,497		4,552,000
8	2,677	107,911	110,588	3.0972	419,412	1,299,002	998	1,195,440		4,552,000
9	2,297	105,059	107,356	3.0972	420,000	1,300,000	0	1,210,383		4,552,000
10	4,406	101,988	106,394	3.0972	420,000	1,300,000	0	1,225,326		4,552,000
11	5,002	101,074	106,076	3.0972	420,000	1,300,000	0	1,240,269		4,552,000
12	3,587	100,773	104,360	3.0972	420,000	1,300,000	0	1,255,212		4,552,000
13	4,591	99,142	103,733	3.0972	420,000	1,300,000	0	1,270,155		4,552,000
14	3,682	98,546	102,228	3.0972	420,000	1,300,000	0	1,285,098		4,552,000
15	2,975	97,117	100,092	3.0972	420,000	1,300,000	0	1,300,041		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.