

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

JUNE 2000

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 27, 2000

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			
			181,649							
1	5,841	172,567	178,408	3.0976	351,592	1,089,093	210,907	1,090,839		4,552,000
2	6,953	169,487	176,440	3.0976	353,560	1,095,187	204,813	1,105,782		4,552,000
3	5,683	167,618	173,301	3.0976	356,699	1,104,910	195,090	1,120,725		4,552,000
4	5,856	164,636	170,492	3.0976	359,508	1,113,612	186,388	1,135,668		4,552,000
5	6,258	161,968	168,226	3.0976	361,774	1,120,633	179,367	1,150,611		4,552,000
6	3,943	159,814	163,757	3.0976	366,243	1,134,474	165,526	1,165,554		4,552,000
7	8,403	155,569	163,972	3.0976	366,028	1,133,807	166,193	1,180,497		4,552,000
8	6,132	155,774	161,906	3.0976	368,094	1,140,209	159,791	1,195,440		4,552,000
9	6,088	153,810	159,898	3.0976	370,102	1,146,426	153,574	1,210,383		4,552,000
10	5,072	151,904	156,976	3.0976	373,024	1,155,481	144,519	1,225,326		4,552,000
11	4,755	149,127	153,882	3.0976	376,118	1,165,064	134,936	1,240,269		4,552,000
12	5,979	146,188	152,167	3.0976	377,833	1,170,376	129,624	1,255,212		4,552,000
13	6,290	144,558	150,848	3.0976	379,152	1,174,460	125,540	1,270,155		4,552,000
14	6,903	143,306	150,209	3.0976	379,791	1,176,441	123,559	1,285,098		4,552,000
15	7,304	142,698	150,002	3.0976	379,998	1,177,080	122,920	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.