

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

OCTOBER 2000

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 29, 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			
			100,000							
1	3,262	95,000	98,262							4,531,000
2	3,793	93,349	97,142							4,509,000
3	4,437	92,285	96,722							4,488,000
4	3,850	91,886	95,736							4,467,000
5	4,901	90,949	95,850							4,445,000
6	4,262	91,057	95,319							4,424,000
7	4,409	90,553	94,962							4,403,000
8	3,484	90,214	93,698							4,382,000
9	4,500	89,013	93,513							4,360,000
10	6,338	88,838	95,176							4,339,000
11	5,841	90,417	96,258							4,318,000
12	5,340	91,445	96,785							4,296,000
13	6,202	91,946	98,148							4,275,000
14	2,979	93,240	96,219							4,254,000
15	3,915	91,408	95,323							4,232,000
16	5,716	90,557	96,273							4,211,000
17	5,105	91,460	96,565							4,190,000
18	3,767	91,736	95,503							4,168,000
19	4,715	90,728	95,443							4,147,000
20	3,826	90,671	94,497							4,126,000
21	4,336	89,772	94,108							4,104,000
22	4,314	89,403	93,717							4,083,000
23	3,992	89,031	93,023							4,062,000
24	3,680	88,372	92,052							4,041,000
25	4,234	87,449	91,683							4,019,000
26	4,318	87,099	91,417							3,998,000
27	5,122	86,846	91,968							3,977,000
28	6,703	87,370	94,073							3,955,000
29	6,448	89,369	95,817							3,934,000
30	7,327	91,026	98,353							3,913,000
31	5,753	93,436	99,189							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.