

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

OCTOBER 2005

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 14, 2006

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3)	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM	COLS	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
1	2	3	4	5	6	7	8			
			100,000							
1	3,571	95,000	98,571							4,531,000
2	3,401	93,642	97,043							4,509,000
3	3,234	92,191	95,425							4,488,000
4	2,427	90,654	93,081							4,467,000
5	3,093	88,427	91,520							4,445,000
6	3,845	86,944	90,789							4,424,000
7	3,865	86,250	90,115							4,403,000
8	3,291	85,609	88,900							4,382,000
9	3,346	84,455	87,801							4,360,000
10	3,540	83,411	86,951							4,339,000
11	3,648	82,603	86,251							4,318,000
12	3,753	81,939	85,692							4,296,000
13	3,410	81,407	84,817							4,275,000
14	3,598	80,576	84,174							4,254,000
15	3,191	79,966	83,157							4,232,000
16	3,042	78,999	82,041							4,211,000
17	4,228	77,939	82,167							4,190,000
18	3,403	78,058	81,461							4,168,000
19	3,689	77,388	81,077							4,147,000
20	3,870	77,023	80,893							4,126,000
21	3,550	76,849	80,399							4,104,000
22	3,661	76,379	80,040							4,083,000
23	3,788	76,038	79,826							4,062,000
24	2,982	75,835	78,817							4,041,000
25	2,952	74,876	77,828							4,019,000
26	4,546	73,936	78,482							3,998,000
27	3,282	74,558	77,840							3,977,000
28	5,272	73,948	79,220							3,955,000
29	3,602	75,259	78,861							3,934,000
30	3,295	74,918	78,213							3,913,000
31	3,166	74,302	77,468							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