

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

OCTOBER 2010

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: November 1, 2010

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	3,057	95,000	98,057							4,531,000
2	3,592	93,154	96,746							4,509,000
3	3,488	91,909	95,397							4,488,000
4	2,852	90,627	93,479							4,467,000
5	1,287	88,805	90,092							4,445,000
6	2,586	85,587	88,173							4,424,000
7	2,451	83,765	86,216							4,403,000
8	2,907	81,905	84,812							4,382,000
9	2,316	80,571	82,887							4,360,000
10	2,729	78,743	81,472							4,339,000
11	2,844	77,398	80,242							4,318,000
12	3,503	76,230	79,733							4,296,000
13	3,353	75,747	79,100							4,275,000
14	3,511	75,145	78,656							4,254,000
15	3,217	74,723	77,940							4,232,000
16	2,748	74,043	76,791							4,211,000
17	3,084	72,951	76,035							4,190,000
18	2,792	72,234	75,026							4,168,000
19	2,599	71,274	73,873							4,147,000
20	3,066	70,180	73,246							4,126,000
21	3,231	69,583	72,814							4,104,000
22	3,060	69,174	72,234							4,083,000
23	6,068	68,622	74,690							4,062,000
24	12,534	70,955	83,489							4,041,000
25	4,898	79,315	84,213							4,019,000
26	4,685	80,002	84,687							3,998,000
27	3,328	80,453	83,781							3,977,000
28	3,910	79,592	83,502							3,955,000
29	4,787	79,327	84,114							3,934,000
30	4,538	79,908	84,446							3,913,000
31	5,160	80,224	85,384							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.