

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

AUGUST 2010

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 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			
			93,058							
1	3,600	88,405	92,005							5,831,000
2	3,824	87,405	91,229							5,809,000
3	3,551	86,667	90,218							5,788,000
4	4,034	85,708	89,742							5,767,000
5	3,584	85,254	88,838							5,745,000
6	3,348	84,397	87,745							5,724,000
7	3,431	83,357	86,788							5,703,000
8	3,510	82,449	85,959							5,682,000
9	3,656	81,661	85,317							5,660,000
10	3,067	81,051	84,118							5,639,000
11	3,580	79,912	83,492							5,618,000
12	3,451	79,318	82,769							5,596,000
13	4,230	78,630	82,860							5,575,000
14	4,163	78,717	82,880							5,554,000
15	3,860	78,736	82,596							5,532,000
16	3,607	78,466	82,073							5,511,000
17	3,275	77,970	81,245							5,490,000
18	3,565	77,182	80,747							5,468,000
19	3,855	76,710	80,565							5,447,000
20	3,600	76,537	80,137							5,426,000
21	3,382	76,130	79,512							5,404,000
22	2,862	75,536	78,398							5,383,000
23	2,872	74,478	77,350							5,362,000
24	3,774	73,483	77,257							5,341,000
25	3,703	73,394	77,097							5,319,000
26	3,550	73,242	76,792							5,298,000
27	2,980	72,953	75,933							5,277,000
28	3,162	72,136	75,298							5,255,000
29	2,965	71,533	74,498							5,234,000
30	3,098	70,773	73,871							5,213,000
31	3,146	70,178	73,324							5,191,000

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.