

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

JULY 2009

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 1, 2009

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			
			103,753							
1	3,936	98,565	102,501							6,491,000
2	3,415	97,376	100,791							6,470,000
3	3,361	95,752	99,113							6,449,000
4	3,314	94,157	97,471							6,427,000
5	3,300	92,598	95,898							6,406,000
6	3,807	91,103	94,910							6,385,000
7	3,070	90,164	93,234							6,363,000
8	3,587	88,572	92,159							6,342,000
9	4,481	87,552	92,033							6,321,000
10	3,628	87,431	91,059							6,300,000
11	3,857	86,506	90,363							6,278,000
12	3,663	85,845	89,508							6,257,000
13	3,362	85,032	88,394							6,236,000
14	3,892	83,975	87,867							6,214,000
15	3,565	83,473	87,038							6,193,000
16	4,219	82,686	86,905							6,172,000
17	3,892	82,560	86,452							6,150,000
18	3,465	82,130	85,595							6,129,000
19	3,712	81,315	85,027							6,108,000
20	3,961	80,775	84,736							6,086,000
21	3,080	80,500	83,580							6,065,000
22	3,414	79,401	82,815							6,044,000
23	2,690	78,674	81,364							6,022,000
24	3,066	77,296	80,362							6,001,000
25	3,487	76,344	79,831							5,980,000
26	2,936	75,839	78,775							5,959,000
27	2,820	74,836	77,656							5,937,000
28	2,749	73,774	76,523							5,916,000
29	3,227	72,696	75,923							5,895,000
30	2,782	72,127	74,909							5,873,000
31	2,887	71,164	74,051							5,852,000

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.