

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

NOVEMBER 2010

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: December 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			
			85,384							
1	4,971	81,115	86,086							3,870,000
2	4,325	81,781	86,106							3,849,000
3	4,313	81,801	86,114							3,827,000
4	4,436	81,808	86,244							3,806,000
5	3,682	81,932	85,614							3,785,000
6	3,547	81,333	84,880							3,763,000
7	8,812	80,636	89,448							3,742,000
8	4,154	84,976	89,130							3,721,000
9	5,161	84,673	89,834							3,700,000
10	4,543	85,343	89,886							3,678,000
11	4,372	85,391	89,763							3,657,000
12	3,446	85,275	88,721							3,636,000
13	3,437	84,285	87,722							3,614,000
14	3,134	83,336	86,470							3,593,000
15	3,624	82,147	85,771							3,572,000
16	3,594	81,482	85,076							3,550,000
17	2,887	80,822	83,709							3,529,000
18	3,258	79,524	82,782							3,508,000
19	4,035	78,643	82,678							3,486,000
20	6,888	78,544	85,432							3,465,000
21	5,313	81,160	86,473							3,444,000
22	5,042	82,150	87,192							3,422,000
23	6,640	82,832	89,472							3,401,000
24	5,762	84,998	90,760							3,380,000
25	4,481	86,222	90,703							3,359,000
26	4,502	86,168	90,670							3,337,000
27	5,278	86,137	91,415							3,316,000
28	4,105	86,844	90,949							3,295,000
29	3,967	86,402	90,369							3,273,000
30	3,209	85,850	89,059							3,252,000

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.