

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

JUNE 2011

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 1, 2011

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			
			254,018							
1	11,651	241,317	252,968	3.0972	277,032	858,024	441,976	1,090,839		4,552,000
2	11,081	240,320	251,401	3.0972	278,599	862,878	437,122	1,105,782		4,552,000
3	11,210	238,831	250,041	3.0972	279,959	867,090	432,910	1,120,725		4,552,000
4	10,066	237,538	247,604	3.0972	282,396	874,635	425,365	1,135,668		4,552,000
5	10,856	235,224	246,080	3.0972	283,920	879,356	420,644	1,150,611		4,552,000
6	10,556	233,776	244,332	3.0972	285,668	884,770	415,230	1,165,554		4,552,000
7	10,120	232,116	242,236	3.0972	287,764	891,264	408,736	1,180,497		4,552,000
8	8,790	230,124	238,914	3.0972	291,086	901,552	398,448	1,195,440		4,552,000
9	10,825	226,968	237,793	3.0972	292,207	905,023	394,977	1,210,383		4,552,000
10	11,313	225,904	237,217	3.0972	292,783	906,809	393,191	1,225,326		4,552,000
11	10,310	225,356	235,666	3.0972	294,334	911,612	388,388	1,240,269		4,552,000
12	11,959	223,882	235,841	3.0972	294,159	911,068	388,932	1,255,212		4,552,000
13	9,883	224,049	233,932	3.0972	296,068	916,981	383,019	1,270,155		4,552,000
14	10,563	222,236	232,799	3.0972	297,201	920,492	379,508	1,285,098		4,552,000
15	9,619	221,159	230,778	3.0972	299,222	926,751	373,249	1,300,041		4,552,000

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.