

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

JANUARY 2013

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 8, 2013

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			
			228,812							
1	6,360	217,372	223,732	0.3204	306,268	98,128	1,201,872			3,350,000
2	6,701	212,545	219,246	0.3560	310,754	110,628	1,189,372			3,363,000
3	9,881	208,284	218,165	0.3916	311,835	122,115	1,177,885			3,374,000
4	6,379	207,257	213,636	0.4272	316,364	135,151	1,164,849			3,387,000
5	5,849	202,954	208,803	0.4628	321,197	148,650	1,151,350			3,401,000
6	5,711	198,363	204,074	0.4984	325,926	162,442	1,137,558			3,414,000
7	4,739	193,870	198,609	0.5340	331,391	176,963	1,123,037			3,429,000
8	4,846	188,679	193,525	0.5696	336,475	191,656	1,108,344			3,444,000
9	6,517	183,848	190,365	0.6052	339,635	205,547	1,094,453			3,458,000
10	6,332	180,847	187,179	0.6408	342,821	219,680	1,080,320			3,472,000
11	9,233	177,820	187,053	0.6764	342,947	231,969	1,068,031			3,484,000
12	6,514	177,700	184,214	0.7120	345,786	246,199	1,053,801			3,498,000
13	7,689	175,004	182,693	0.7476	347,307	259,647	1,040,353			3,512,000
14	5,115	173,558	178,673	0.7832	351,327	275,159	1,024,841			3,527,000
15	5,990	169,739	175,729	0.8188	354,271	290,077	1,009,923			3,542,000
16	5,134	166,943	172,077	0.8544	357,923	305,809	994,191			3,558,000
17	4,476	163,473	167,949	0.8900	362,051	322,225	977,775			3,574,000
18	4,679	159,552	164,231	0.9256	365,769	338,556	961,444			3,591,000
19	4,459	156,019	160,478	0.9612	369,522	355,184	944,816			3,607,000
20	4,351	152,454	156,805	0.9968	373,195	372,001	927,999			3,624,000
21	4,476	148,965	153,441	1.0324	376,559	388,760	911,240			3,641,000
22	5,717	145,769	151,486	1.0680	378,514	404,253	895,747			3,656,000
23	6,323	143,912	150,235	1.1036	379,765	419,109	880,891			3,671,000
24	6,820	142,723	149,543	1.1392	380,457	433,417	866,583			3,685,000
25	5,984	142,066	148,050	1.1748	381,950	448,715	851,285			3,701,000
26	7,411	140,647	148,058	1.2104	381,942	462,302	837,698			3,714,000
27	7,618	140,655	148,273	1.2460	381,727	475,631	824,369			3,728,000
28	6,818	140,860	147,678	1.2816	382,322	489,984	810,016			3,742,000
29	6,411	140,294	146,705	1.3172	383,295	504,876	795,124			3,757,000
30	6,311	139,370	145,681	1.3528	384,319	519,907	780,093			3,772,000
31	7,063	138,397	145,460	1.3884	384,540	533,896	766,104			3,786,000

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.