

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

JANUARY 2015

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: April 8, 2015

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		
			245,598							
1	7,481	233,318	240,799	0.3204	289,201	92,660	1,207,340			3,345,000
2	6,854	228,759	235,613	0.3560	294,387	104,802	1,195,198			3,357,000
3	6,403	223,833	230,236	0.3916	299,764	117,388	1,182,612			3,369,000
4	6,074	218,724	224,798	0.4272	305,202	130,382	1,169,618			3,382,000
5	5,509	213,558	219,067	0.4628	310,933	143,900	1,156,100			3,396,000
6	4,054	208,114	212,168	0.4984	317,832	158,408	1,141,592			3,410,000
7	4,862	201,559	206,421	0.5340	323,579	172,791	1,127,209			3,425,000
8	5,125	196,100	201,225	0.5696	328,775	187,270	1,112,730			3,439,000
9	4,877	191,164	196,041	0.6052	333,959	202,112	1,097,888			3,454,000
10	5,508	186,239	191,747	0.6408	338,253	216,753	1,083,247			3,469,000
11	4,941	182,159	187,100	0.6764	342,900	231,937	1,068,063			3,484,000
12	5,455	177,745	183,200	0.7120	346,800	246,921	1,053,079			3,499,000
13	3,759	174,040	177,799	0.7476	352,201	263,305	1,036,695			3,515,000
14	3,973	168,909	172,882	0.7832	357,118	279,694	1,020,306			3,532,000
15	3,916	164,238	168,154	0.8188	361,846	296,279	1,003,721			3,548,000
16	4,756	159,747	164,503	0.8544	365,497	312,281	987,719			3,564,000
17	5,233	156,277	161,510	0.8900	368,490	327,956	972,044			3,580,000
18	4,739	153,435	158,174	0.9256	371,826	344,162	955,838			3,596,000
19	4,876	150,265	155,141	0.9612	374,859	360,314	939,686			3,612,000
20	6,286	147,384	153,670	0.9968	376,330	375,126	924,874			3,627,000
21	5,297	145,987	151,284	1.0324	378,716	390,987	909,013			3,643,000
22	5,245	143,720	148,965	1.0680	381,035	406,946	893,054			3,659,000
23	5,247	141,516	146,763	1.1036	383,237	422,940	877,060			3,675,000
24	4,733	139,425	144,158	1.1392	385,842	439,551	860,449			3,692,000
25	5,184	136,950	142,134	1.1748	387,866	455,665	844,335			3,708,000
26	6,086	135,027	141,113	1.2104	388,887	470,708	829,292			3,723,000
27	4,787	134,058	138,845	1.2460	391,155	487,379	812,621			3,739,000
28	4,733	131,903	136,636	1.2816	393,364	504,136	795,864			3,756,000
29	8,433	129,804	138,237	1.3172	391,763	516,030	783,970			3,768,000
30	3,192	131,325	134,517	1.3528	395,483	535,009	764,991			3,787,000
31	2,546	127,791	130,337	1.3884	399,663	554,892	745,108			3,807,000

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.