

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

JANUARY 2014

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: February 28, 2014

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			
			60,611							
1	456	57,581	58,037	0.3204	420,000	134,568	1,165,432			3,387,000
2	1,389	55,135	56,524	0.3560	420,000	149,520	1,150,480			3,402,000
3	1,354	53,698	55,052	0.3916	420,000	164,472	1,135,528			3,416,000
4	890	52,299	53,189	0.4272	420,000	179,424	1,120,576			3,431,000
5	2,158	50,530	52,688	0.4628	420,000	194,376	1,105,624			3,446,000
6	3,423	50,053	53,476	0.4984	420,000	209,328	1,090,672			3,461,000
7	2,725	50,802	53,527	0.5340	420,000	224,280	1,075,720			3,476,000
8	3,107	50,851	53,958	0.5696	420,000	239,232	1,060,768			3,491,000
9	3,283	51,260	54,543	0.6052	420,000	254,184	1,045,816			3,506,000
10	2,610	51,816	54,426	0.6408	420,000	269,136	1,030,864			3,521,000
11	2,848	51,705	54,553	0.6764	420,000	284,088	1,015,912			3,536,000
12	2,761	51,825	54,586	0.7120	420,000	299,040	1,000,960			3,551,000
13	3,622	51,857	55,479	0.7476	420,000	313,992	986,008			3,566,000
14	2,475	52,705	55,180	0.7832	420,000	328,944	971,056			3,581,000
15	2,381	52,421	54,802	0.8188	420,000	343,896	956,104			3,596,000
16	3,336	52,062	55,398	0.8544	420,000	358,848	941,152			3,611,000
17	3,085	52,628	55,713	0.8900	420,000	373,800	926,200			3,626,000
18	2,792	52,927	55,719	0.9256	420,000	388,752	911,248			3,641,000
19	2,899	52,933	55,832	0.9612	420,000	403,704	896,296			3,656,000
20	3,349	53,041	56,390	0.9968	420,000	418,656	881,344			3,671,000
21	3,486	53,570	57,056	1.0324	420,000	433,608	866,392			3,686,000
22	2,798	54,203	57,001	1.0680	420,000	448,560	851,440			3,701,000
23	2,728	54,151	56,879	1.1036	420,000	463,512	836,488			3,716,000
24	2,629	54,035	56,664	1.1392	420,000	478,464	821,536			3,730,000
25	2,827	53,831	56,658	1.1748	420,000	493,416	806,584			3,745,000
26	3,243	53,825	57,068	1.2104	420,000	508,368	791,632			3,760,000
27	2,868	54,215	57,083	1.2460	420,000	523,320	776,680			3,775,000
28	3,082	54,229	57,311	1.2816	420,000	538,272	761,728			3,790,000
29	3,139	54,445	57,584	1.3172	420,000	553,224	746,776			3,805,000
30	2,704	54,705	57,409	1.3528	420,000	568,176	731,824			3,820,000
31	2,519	54,538	57,057	1.3884	420,000	583,128	716,872			3,835,000

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.