



**BUREAU OF RECLAMATION** — **Lake Shasta Flood Control Requirements**  
 Run Date: 4/19/2023

Historical Archive and Report Database

March 2023

Day	Shasta Inflow C.F.S. 1	Prev Day F.C. Par (Col. 3) X .95 2	F.C. Param (Cols. 1+2) 3	.0356* X Days 12/23 Thru 3/20 4	530,000 Minus F.C. Param (Col 3) 5	Cols 4x5 6	F.C. Reserv (1,300,000 - Col 6) 7	Minus 14,943 Per Day After 3/20 8	Adjusted F.C. Reserv (7-8)	Perm Storage
			152,856							
1	5,465	145,214	150,679	2.4208	379,321	918,261	381,739			4,170,000
2	3,768	143,145	146,913	2.4564	383,087	941,016	358,984			4,193,000
3	2,540	139,567	142,107	2.4920	387,893	966,629	333,371			4,219,000
4	3,881	135,002	138,883	2.5276	391,117	988,588	311,412			4,241,000
5	6,075	131,939	138,014	2.5632	391,986	1,004,740	295,260			4,257,000
6	7,376	131,113	138,489	2.5988	391,511	1,017,459	282,541			4,269,000
7	8,467	131,565	140,032	2.6344	389,969	1,027,333	272,667			4,279,000
8	7,906	133,030	140,936	2.6700	389,064	1,038,801	261,199			4,291,000
9	11,151	133,889	145,040	2.7056	384,960	1,041,548	258,452			4,294,000
10	14,530	137,788	152,318	2.7412	377,682	1,035,302	264,698			4,287,000
11	10,280	144,702	154,982	2.7768	375,018	1,041,349	258,651			4,293,000
12	10,887	147,233	158,120	2.8124	371,880	1,045,875	254,125			4,298,000
13	36,187	150,214	186,401	2.8480	343,599	978,570	321,430			4,231,000
14	73,762	177,081	250,843	2.8836	279,157	804,977	495,023			4,057,000
15	48,729	238,301	287,030	2.9192	242,970	709,279	590,721			3,961,000
16	29,768	272,678	302,446	2.9548	227,554	672,376	627,624			3,924,000
17	25,240	287,324	312,564	2.9904	217,436	650,221	649,779			3,902,000
18	24,797	296,936	321,733	3.0260	208,267	630,217	669,783			3,882,000
19	28,900	305,646	334,546	3.0616	195,454	598,401	701,599			3,850,000
20	30,879	317,819	348,698	3.0972	181,302	561,529	738,471			3,814,000
21	25,424	331,263	356,687	3.0972	173,313	536,785	763,215	14,943	748,272	3,804,000
22	18,854	338,853	357,707	3.0972	172,293	533,627	766,373	29,886	736,487	3,816,000
23	16,352	339,821	356,173	3.0972	173,827	538,376	761,624	44,829	716,795	3,835,000
24	16,703	338,365	355,068	3.0972	174,932	541,801	758,199	59,772	698,427	3,854,000
25	15,076	337,314	352,390	3.0972	177,610	550,093	749,907	74,715	675,192	3,877,000
26	13,527	334,771	348,298	3.0972	181,702	562,768	737,232	89,658	647,574	3,904,000
27	12,880	330,883	343,763	3.0972	186,237	576,814	723,186	104,601	618,585	3,933,000
28	16,903	326,575	343,478	3.0972	186,522	577,697	722,303	119,544	602,759	3,949,000
29	15,127	326,304	341,431	3.0972	188,569	584,037	715,963	134,487	581,476	3,971,000
30	14,428	324,359	338,787	3.0972	191,213	592,224	707,776	149,430	558,346	3,994,000
31	15,125	321,848	336,973	3.0972	193,027	597,844	702,156	164,373	537,783	4,014,000

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