



Historical Archive and Report Database

— BUREAU OF — Lake Shasta Flood Control Requirements
RECLAMATION

Run Date: 4/19/2023

February 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
			259,868							
1	4,378	246,875	251,253	1.4240	278,747	396,936	903,064			3,649,000
2	5,450	238,690	244,140	1.4596	285,860	417,241	882,759			3,669,000
3	6,077	231,933	238,010	1.4952	291,990	436,583	863,417			3,689,000
4	5,570	226,110	231,680	1.5308	298,320	456,669	843,331			3,709,000
5	6,363	220,096	226,459	1.5664	303,541	475,467	824,533			3,727,000
6	7,373	215,136	222,509	1.6020	307,491	492,601	807,399			3,745,000
7	6,433	211,384	217,817	1.6376	312,184	511,232	788,768			3,763,000
8	5,877	206,926	212,803	1.6732	317,197	530,735	769,265			3,783,000
9	5,618	202,163	207,781	1.7088	322,219	550,609	749,391			3,803,000
10	6,538	197,392	203,930	1.7444	326,070	568,797	731,203			3,821,000
11	5,204	193,733	198,937	1.7800	331,063	589,292	710,708			3,841,000
12	4,764	188,990	193,754	1.8156	336,246	610,488	689,512			3,862,000
13	6,091	184,067	190,158	1.8512	339,843	629,116	670,884			3,881,000
14	5,470	180,650	186,120	1.8868	343,880	648,834	651,166			3,901,000
15	5,005	176,814	181,819	1.9224	348,181	669,344	630,656			3,921,000
16	4,839	172,728	177,567	1.9580	352,433	690,064	609,936			3,942,000
17	5,381	168,688	174,069	1.9936	355,931	709,583	590,417			3,962,000
18	3,551	165,366	168,917	2.0292	361,083	732,710	567,290			3,985,000
19	3,661	160,471	164,132	2.0648	365,868	755,444	544,556			4,007,000
20	3,994	155,926	159,920	2.1004	370,081	777,317	522,683			4,029,000
21	5,841	151,924	157,765	2.1360	372,236	795,095	504,905			4,047,000
22	4,201	149,876	154,077	2.1716	375,923	816,354	483,646			4,068,000
23	7,406	146,373	153,779	2.2072	376,221	830,394	469,606			4,082,000
24	9,658	146,090	155,748	2.2428	374,252	839,371	460,629			4,091,000
25	6,185	147,961	154,146	2.2784	375,854	856,346	443,654			4,108,000
26	6,317	146,439	152,756	2.3140	377,244	872,943	427,057			4,125,000
27	6,272	145,118	151,390	2.3496	378,610	889,582	410,418			4,142,000
28	9,036	143,820	152,856	2.3852	377,144	899,563	400,437			4,152,000

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