



Historical Archive and Report Database

— BUREAU OF — Lake Shasta Flood Control Requirements
RECLAMATION

Run Date: 4/19/2023

December 2022

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
			57,448							
1	3,853	54,575	58,428							3,252,000
2	3,094	55,507	58,601							3,252,000
3	5,217	55,671	60,888							3,252,000
4	2,216	57,843	60,059							3,252,000
5	4,921	57,056	61,977							3,252,000
6	3,056	58,878	61,934							3,252,000
7	2,350	58,838	61,188							3,252,000
8	3,789	58,128	61,917							3,252,000
9	3,239	58,821	62,060							3,252,000
10	8,904	58,957	67,861							3,252,000
11	6,035	64,468	70,503							3,252,000
12	4,495	66,978	71,473							3,252,000
13	3,817	67,899	71,716							3,252,000
14	3,341	68,131	71,472							3,252,000
15	1,840	67,898	69,738							3,252,000
16	3,018	66,251	69,269							3,252,000
17	2,829	65,806	68,635							3,252,000
18	1,955	65,203	67,158							3,252,000
19	3,511	63,800	67,311							3,252,000
20	2,255	63,945	66,200							3,252,000
21	3,624	62,890	66,514							3,252,000
22	2,909	63,189	66,098							3,252,000
23	2,738	62,793	65,531							3,252,000
24	2,722	62,254	64,976	0.0356	420,000	14,952	1,285,048			3,267,000
25	2,911	61,728	64,639	0.0712	420,000	29,904	1,270,096			3,282,000
26	2,441	61,407	63,848	0.1068	420,000	44,856	1,255,144			3,297,000
27	12,182	60,655	72,837	0.1424	420,000	59,808	1,240,192			3,312,000
28	7,846	69,195	77,041	0.1780	420,000	74,760	1,225,240			3,327,000
29	7,985	73,189	81,174	0.2136	420,000	89,712	1,210,288			3,342,000
30	12,654	77,116	89,770	0.2492	420,000	104,664	1,195,336			3,357,000
31	13,053	85,281	98,334	0.2848	420,000	119,616	1,180,384			3,372,000

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