



Historical Archive and Report Database

— BUREAU OF — Lake Shasta Flood Control Requirements
RECLAMATION

Run Date: 1/10/2025

December 2024

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
			156,550							
1	4,989	148,722	153,711				1,300,000			3,252,000
2	4,887	146,026	150,913				1,300,000			3,252,000
3	4,456	143,367	147,823				1,300,000			3,252,000
4	5,488	140,432	145,920				1,300,000			3,252,000
5	3,461	138,624	142,085				1,300,000			3,252,000
6	5,063	134,981	140,044				1,300,000			3,252,000
7	4,840	133,042	137,882				1,300,000			3,252,000
8	4,312	130,987	135,299				1,300,000			3,252,000
9	3,181	128,534	131,715				1,300,000			3,252,000
10	3,337	125,130	128,467				1,300,000			3,252,000
11	4,707	122,043	126,750				1,300,000			3,252,000
12	7,096	120,413	127,509				1,300,000			3,252,000
13	12,153	121,133	133,286				1,300,000			3,252,000
14	25,858	126,622	152,480				1,300,000			3,252,000
15	13,712	144,856	158,568				1,300,000			3,252,000
16	12,637	150,640	163,277				1,300,000			3,252,000
17	10,889	155,113	166,002				1,300,000			3,252,000
18	11,325	157,702	169,027				1,300,000			3,252,000
19	8,644	160,575	169,219				1,300,000			3,252,000
20	7,774	160,758	168,532				1,300,000			3,252,000
21	8,501	160,106	168,607				1,300,000			3,252,000
22	9,718	160,176	169,894				1,300,000			3,252,000
23	11,896	161,400	173,296				1,300,000			3,252,000
24	28,742	164,631	193,373	0.0352	336,627	11,849	1,288,151			3,264,000
25	21,633	183,704	205,337	0.0704	324,663	22,856	1,277,144			3,275,000
26	20,528	195,070	215,598	0.1056	314,402	33,201	1,266,799			3,285,000
27	32,060	204,819	236,879	0.1408	293,121	41,271	1,258,729			3,293,000
28	40,070	225,035	265,105	0.1760	264,895	46,622	1,253,378			3,299,000
29	61,062	251,849	312,911	0.2112	217,089	45,849	1,254,151			3,298,000
30	34,941	297,266	332,207	0.2464	197,793	48,736	1,251,264			3,301,000
31	25,517	315,596	341,113	0.2816	188,887	53,191	1,246,809			3,305,000

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