



— BUREAU OF —

RECLAMATION

Lake Shasta Flood Control Requirements

Historical Archive and Report Database

Run Date: 4/19/2023

February 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
			130,811							
1	4,161	124,270	128,431	1.4240	401,569	571,834	728,166			3,824,000
2	4,691	122,010	126,701	1.4596	403,300	588,656	711,344			3,841,000
3	4,750	120,366	125,116	1.4952	404,885	605,383	694,617			3,857,000
4	4,473	118,860	123,333	1.5308	406,667	622,526	677,474			3,875,000
5	4,559	117,166	121,725	1.5664	408,275	639,522	660,478			3,892,000
6	4,924	115,639	120,563	1.6020	409,437	655,918	644,082			3,908,000
7	4,292	114,535	118,827	1.6376	411,173	673,337	626,663			3,925,000
8	4,012	112,885	116,897	1.6732	413,103	691,203	608,797			3,943,000
9	4,245	111,053	115,298	1.7088	414,703	708,644	591,356			3,961,000
10	4,573	109,533	114,106	1.7444	415,894	725,486	574,514			3,977,000
11	4,731	108,400	113,131	1.7800	416,869	742,026	557,974			3,994,000
12	4,591	107,475	112,066	1.8156	417,934	758,802	541,198			4,011,000
13	4,359	106,462	110,821	1.8512	419,179	775,983	524,017			4,028,000
14	4,722	105,280	110,002	1.8868	419,998	792,452	507,548			4,044,000
15	5,491	104,502	109,993	1.9224	420,000	807,408	492,592			4,059,000
16	7,555	104,494	112,049	1.9580	417,952	818,349	481,651			4,070,000
17	5,394	106,446	111,840	1.9936	418,160	833,644	466,356			4,086,000
18	1,943	106,248	108,191	2.0292	420,000	852,264	447,736			4,104,000
19	3,021	102,782	105,803	2.0648	420,000	867,216	432,784			4,119,000
20	1,984	100,512	102,496	2.1004	420,000	882,168	417,832			4,134,000
21	3,578	97,372	100,950	2.1360	420,000	897,120	402,880			4,149,000
22	2,604	95,902	98,506	2.1716	420,000	912,072	387,928			4,164,000
23	3,973	93,581	97,554	2.2072	420,000	927,024	372,976			4,179,000
24	3,828	92,676	96,504	2.2428	420,000	941,976	358,024			4,194,000
25	3,565	91,679	95,244	2.2784	420,000	956,928	343,072			4,209,000
26	3,990	90,482	94,472	2.3140	420,000	971,880	328,120			4,224,000
27	3,614	89,748	93,362	2.3496	420,000	986,832	313,168			4,239,000
28	3,383	88,694	92,077	2.3852	420,000	1,001,784	298,216			4,254,000

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