



— BUREAU OF —
RECLAMATION

Lake Shasta Flood Control Requirements

Historical Archive and Report Database
Run Date: 4/19/2023

May 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
			88,283							
1	3,282	83,869	87,151	3.0972	420,000	1,300,000		627,606		4,552,000
2	3,160	82,793	85,953	3.0972	420,000	1,300,000		642,549		4,552,000
3	3,370	81,656	85,026	3.0972	420,000	1,300,000		657,492		4,552,000
4	3,774	80,774	84,548	3.0972	420,000	1,300,000		672,435		4,552,000
5	7,008	80,321	87,329	3.0972	420,000	1,300,000		687,378		4,552,000
6	2,362	82,962	85,324	3.0972	420,000	1,300,000		702,321		4,552,000
7	2,454	81,058	83,512	3.0972	420,000	1,300,000		717,264		4,552,000
8	2,939	79,337	82,276	3.0972	420,000	1,300,000		732,207		4,552,000
9	5,477	78,162	83,639	3.0972	420,000	1,300,000		747,150		4,552,000
10	3,200	79,457	82,657	3.0972	420,000	1,300,000		762,093		4,552,000
11	3,012	78,524	81,536	3.0972	420,000	1,300,000		777,036		4,552,000
12	3,133	77,459	80,592	3.0972	420,000	1,300,000		791,979		4,552,000
13	3,988	76,563	80,551	3.0972	420,000	1,300,000		806,922		4,552,000
14	4,470	76,523	80,993	3.0972	420,000	1,300,000		821,865		4,552,000
15	3,151	76,944	80,095	3.0972	420,000	1,300,000		836,808		4,552,000
16	3,105	76,090	79,195	3.0972	420,000	1,300,000		851,751		4,552,000
17	3,153	75,235	78,388	3.0972	420,000	1,300,000		866,694		4,552,000
18	3,088	74,469	77,557	3.0972	420,000	1,300,000		881,637		4,552,000
19	3,134	73,679	76,813	3.0972	420,000	1,300,000		896,580		4,552,000
20	5,475	72,972	78,447	3.0972	420,000	1,300,000		911,523		4,552,000
21	3,635	74,525	78,160	3.0972	420,000	1,300,000		926,466		4,552,000
22	2,332	74,252	76,584	3.0972	420,000	1,300,000		941,409		4,552,000
23	2,195	72,755	74,950	3.0972	420,000	1,300,000		956,352		4,552,000
24	3,153	71,202	74,355	3.0972	420,000	1,300,000		971,295		4,552,000
25	3,068	70,637	73,705	3.0972	420,000	1,300,000		986,238		4,552,000
26	3,078	70,020	73,098	3.0972	420,000	1,300,000		1,001,181		4,552,000
27	3,010	69,443	72,453	3.0972	420,000	1,300,000		1,016,124		4,552,000
28	3,217	68,831	72,048	3.0972	420,000	1,300,000		1,031,067		4,552,000
29	2,941	68,445	71,386	3.0972	420,000	1,300,000		1,046,010		4,552,000
30	2,607	67,817	70,424	3.0972	420,000	1,300,000		1,060,953		4,552,000
31	3,759	66,903	70,662	3.0972	420,000	1,300,000		1,075,896		4,552,000

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