



Historical Archive and Report Database

**BUREAU OF RECLAMATION — Lake Shasta Flood Control Requirements**

Run Date: 2/10/2024

January 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
			109,921							
1	7,445	104,425	111,870	0.3168	418,130	132,464	1,167,536			3,384,000
2	8,082	106,276	114,358	0.3520	415,642	146,306	1,153,694			3,398,000
3	8,581	108,641	117,222	0.3872	412,779	159,828	1,140,172			3,412,000
4	6,838	111,360	118,198	0.4224	411,802	173,945	1,126,055			3,426,000
5	6,029	112,289	118,318	0.4576	411,683	188,386	1,111,614			3,440,000
6	4,343	112,402	116,745	0.4928	413,255	203,652	1,096,348			3,456,000
7	3,679	110,907	114,586	0.5280	415,414	219,338	1,080,662			3,471,000
8	5,444	108,857	114,301	0.5632	415,699	234,122	1,065,878			3,486,000
9	4,534	108,586	113,120	0.5984	416,880	249,461	1,050,539			3,501,000
10	6,694	107,464	114,158	0.6336	415,842	263,477	1,036,523			3,515,000
11	5,225	108,450	113,675	0.6688	416,325	278,438	1,021,562			3,530,000
12	6,052	107,991	114,043	0.7040	415,957	292,834	1,007,166			3,545,000
13	8,679	108,341	117,020	0.7392	412,980	305,275	994,725			3,557,000
14	8,125	111,169	119,294	0.7744	410,706	318,051	981,949			3,570,000
15	4,916	113,329	118,245	0.8096	411,755	333,357	966,643			3,585,000
16	7,176	112,333	119,509	0.8448	410,491	346,783	953,217			3,599,000
17	6,966	113,534	120,500	0.8800	409,500	360,360	939,640			3,612,000
18	8,124	114,475	122,599	0.9152	407,401	372,854	927,146			3,625,000
19	9,508	116,469	125,977	0.9504	404,023	383,984	916,016			3,636,000
20	24,461	119,678	144,139	0.9856	385,861	380,305	919,695			3,632,000
21	36,242	136,932	173,174	1.0208	356,826	364,248	935,752			3,616,000
22	48,526	164,515	213,041	1.0560	316,959	334,708	965,292			3,587,000
23	25,828	202,389	228,217	1.0912	301,783	329,305	970,695			3,581,000
24	24,014	216,806	240,820	1.1264	289,180	325,732	974,268			3,578,000
25	19,903	228,779	248,682	1.1616	281,318	326,779	973,221			3,579,000
26	16,467	236,248	252,715	1.1968	277,285	331,854	968,146			3,584,000
27	13,379	240,079	253,458	1.2320	276,542	340,699	959,301			3,593,000
28	11,379	240,786	252,165	1.2672	277,836	352,073	947,927			3,604,000
29	11,299	239,556	250,855	1.3024	279,145	363,558	936,442			3,616,000
30	11,013	238,313	249,326	1.3376	280,675	375,430	924,570			3,627,000
31	16,952	236,859	253,811	1.3728	276,189	379,152	920,848			3,631,000

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