



Historical Archive and Report Database

— BUREAU OF — Lake Shasta Flood Control Requirements
RECLAMATION

Run Date: 3/10/2024

February 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
			253,811							
1	32,934	241,121	274,055	1.4080	255,945	360,371	939,629			3,612,000
2	24,911	260,352	285,263	1.4432	244,737	353,205	946,795			3,605,000
3	20,435	271,000	291,435	1.4784	238,565	352,695	947,305			3,605,000
4	21,449	276,863	298,312	1.5136	231,688	350,683	949,317			3,603,000
5	32,892	283,397	316,289	1.5488	213,712	330,996	969,004			3,583,000
6	27,167	300,474	327,641	1.5840	202,359	320,536	979,464			3,573,000
7	19,101	311,259	330,360	1.6192	199,640	323,257	976,743			3,575,000
8	16,183	313,842	330,025	1.6544	199,975	330,839	969,161			3,583,000
9	14,349	313,524	327,873	1.6896	202,127	341,514	958,486			3,594,000
10	12,250	311,479	323,729	1.7248	206,271	355,776	944,224			3,608,000
11	10,757	307,543	318,300	1.7600	211,700	372,593	927,407			3,625,000
12	10,054	302,385	312,439	1.7952	217,561	390,566	909,434			3,643,000
13	9,122	296,817	305,939	1.8304	224,061	410,122	889,878			3,662,000
14	14,596	290,642	305,238	1.8656	224,762	419,316	880,684			3,671,000
15	17,036	289,976	307,012	1.9008	222,988	423,856	876,144			3,676,000
16	16,649	291,661	308,310	1.9360	221,690	429,191	870,809			3,681,000
17	19,685	292,895	312,580	1.9712	217,420	428,579	871,421			3,681,000
18	24,808	296,951	321,759	2.0064	208,241	417,815	882,185			3,670,000
19	43,136	305,671	348,807	2.0416	181,193	369,924	930,076			3,622,000
20	52,044	331,367	383,411	2.0768	146,589	304,437	995,563			3,556,000
21	34,743	364,240	398,983	2.1120	131,017	276,708	1,023,292			3,529,000
22	27,878	379,034	406,912	2.1472	123,088	264,295	1,035,705			3,516,000
23	21,365	386,566	407,931	2.1824	122,069	266,403	1,033,597			3,518,000
24	17,977	387,535	405,512	2.2176	124,488	276,065	1,023,935			3,528,000
25	16,407	385,236	401,643	2.2528	128,357	289,162	1,010,838			3,541,000
26	15,938	381,561	397,499	2.2880	132,501	303,163	996,837			3,555,000
27	14,430	377,624	392,054	2.3232	137,946	320,476	979,524			3,572,000
28	12,433	372,451	384,884	2.3584	145,116	342,241	957,759			3,594,000
29	15,297	365,640	380,937	2.3936	149,063	356,797	943,203			3,609,000

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