



BUREAU OF RECLAMATION

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Lake Shasta Flood Control Requirements

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Historical Archive and Report Database

Run Date: 4/19/2023

January 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
			128,604							
1	4,922	122,174	127,096	0.3204	402,904	129,091	1,170,909			3,381,000
2	5,277	120,741	126,018	0.3560	403,982	143,818	1,156,182			3,396,000
3	8,303	119,717	128,020	0.3916	401,980	157,415	1,142,585			3,409,000
4	12,060	121,619	133,679	0.4272	396,321	169,308	1,130,692			3,421,000
5	25,613	126,995	152,608	0.4628	377,392	174,657	1,125,343			3,427,000
6	11,006	144,978	155,984	0.4984	374,016	186,410	1,113,590			3,438,000
7	10,373	148,184	158,557	0.5340	371,443	198,350	1,101,650			3,450,000
8	11,119	150,630	161,749	0.5696	368,252	209,756	1,090,244			3,462,000
9	11,099	153,661	164,760	0.6052	365,240	221,043	1,078,957			3,473,000
10	11,112	156,522	167,634	0.6408	362,366	232,204	1,067,796			3,484,000
11	9,608	159,252	168,860	0.6764	361,140	244,275	1,055,725			3,496,000
12	7,751	160,417	168,168	0.7120	361,832	257,624	1,042,376			3,510,000
13	7,536	159,760	167,296	0.7476	362,704	271,158	1,028,842			3,523,000
14	6,126	158,931	165,057	0.7832	364,943	285,823	1,014,177			3,538,000
15	7,352	156,804	164,156	0.8188	365,844	299,553	1,000,447			3,552,000
16	6,135	155,949	162,084	0.8544	367,917	314,348	985,652			3,566,000
17	6,443	153,979	160,422	0.8900	369,578	328,924	971,076			3,581,000
18	6,174	152,401	158,575	0.9256	371,425	343,791	956,209			3,596,000
19	6,774	150,646	157,420	0.9612	372,580	358,124	941,876			3,610,000
20	5,809	149,549	155,358	0.9968	374,642	373,443	926,557			3,625,000
21	6,611	147,591	154,202	1.0324	375,799	387,974	912,026			3,640,000
22	5,358	146,491	151,849	1.0680	378,151	403,865	896,135			3,656,000
23	4,871	144,257	149,128	1.1036	380,872	420,330	879,670			3,672,000
24	4,892	141,672	146,564	1.1392	383,437	436,811	863,189			3,689,000
25	4,842	139,235	144,077	1.1748	385,923	453,382	846,618			3,705,000
26	4,492	136,873	141,365	1.2104	388,635	470,403	829,597			3,722,000
27	4,114	134,297	138,411	1.2460	391,589	487,920	812,080			3,740,000
28	4,760	131,491	136,251	1.2816	393,750	504,629	795,371			3,757,000
29	5,166	129,438	134,604	1.3172	395,396	520,816	779,184			3,773,000
30	4,811	127,874	132,685	1.3528	397,315	537,488	762,512			3,789,000
31	4,760	126,051	130,811	1.3884	399,189	554,235	745,765			3,806,000

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