



Historical Archive and Report Database

— BUREAU OF — Lake Shasta Flood Control Requirements
RECLAMATION

Run Date: 2/10/2025

January 2025

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
			341,099							
1	21,151	324,044	345,195	0.3204	184,805	59,212	1,240,788			3,311,000
2	17,428	327,935	345,363	0.3560	184,637	65,731	1,234,269			3,318,000
3	21,134	328,095	349,229	0.3916	180,771	70,790	1,229,210			3,323,000
4	20,472	331,768	352,240	0.4272	177,760	75,939	1,224,061			3,328,000
5	17,437	334,628	352,065	0.4628	177,935	82,348	1,217,652			3,334,000
6	16,750	334,462	351,212	0.4984	178,788	89,108	1,210,892			3,341,000
7	15,162	333,651	348,813	0.5340	181,187	96,754	1,203,246			3,349,000
8	13,650	331,372	345,022	0.5696	184,978	105,363	1,194,637			3,357,000
9	11,985	327,771	339,756	0.6052	190,244	115,136	1,184,864			3,367,000
10	12,038	322,768	334,806	0.6408	195,194	125,080	1,174,920			3,377,000
11	10,511	318,066	328,577	0.6764	201,423	136,243	1,163,757			3,388,000
12	10,221	312,148	322,369	0.7120	207,631	147,833	1,152,167			3,400,000
13	10,196	306,251	316,447	0.7476	213,553	159,652	1,140,348			3,412,000
14	7,938	300,624	308,562	0.7832	221,438	173,430	1,126,570			3,425,000
15	6,795	293,134	299,929	0.8188	230,071	188,382	1,111,618			3,440,000
16	8,386	284,933	293,319	0.8544	236,681	202,220	1,097,780			3,454,000
17	7,870	278,653	286,523	0.8900	243,477	216,695	1,083,305			3,469,000
18	7,264	272,197	279,461	0.9256	250,539	231,899	1,068,101			3,484,000
19	9,332	265,488	274,820	0.9612	255,180	245,279	1,054,721			3,497,000
20	7,976	261,079	269,055	0.9968	260,945	260,110	1,039,890			3,512,000
21	5,101	255,602	260,703	1.0324	269,297	278,022	1,021,978			3,530,000
22	7,980	247,668	255,648	1.0680	274,352	293,008	1,006,992			3,545,000
23	4,658	242,865	247,523	1.1036	282,477	311,742	988,258			3,564,000
24	4,606	235,147	239,753	1.1392	290,247	330,649	969,351			3,583,000
25	6,489	227,766	234,255	1.1748	295,745	347,441	952,559			3,599,000
26	7,198	222,542	229,740	1.2104	300,260	363,435	936,565			3,615,000
27	6,211	218,253	224,464	1.2460	305,536	380,698	919,302			3,633,000
28	5,187	213,241	218,428	1.2816	311,572	399,311	900,689			3,651,000
29	2,817	207,506	210,323	1.3172	319,677	421,079	878,921			3,673,000
30	2,761	199,807	202,568	1.3528	327,432	442,950	857,050			3,695,000
31	9,751	192,440	202,191	1.3884	327,809	455,130	844,870			3,707,000

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