



Historical Archive and Report Database

— BUREAU OF — Lake Shasta Flood Control Requirements
RECLAMATION

Run Date: 4/23/2024

March 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
			380,975							
1	15,456	361,926	377,382	2.4288	152,618	370,678	929,322			3,623,000
2	15,638	358,513	374,151	2.4640	155,849	384,011	915,989			3,636,000
3	14,429	355,444	369,873	2.4992	160,127	400,190	899,810			3,652,000
4	15,143	351,379	366,522	2.5344	163,478	414,318	885,682			3,666,000
5	26,120	348,196	374,316	2.5696	155,684	400,046	899,954			3,652,000
6	36,902	355,600	392,502	2.6048	137,498	358,154	941,846			3,610,000
7	25,285	372,877	398,162	2.6400	131,838	348,052	951,948			3,600,000
8	18,637	378,254	396,891	2.6752	133,109	356,093	943,907			3,608,000
9	17,434	377,046	394,480	2.7104	135,520	367,312	932,688			3,619,000
10	16,404	374,756	391,160	2.7456	138,840	381,198	918,802			3,633,000
11	18,194	371,602	389,796	2.7808	140,204	389,878	910,122			3,642,000
12	19,867	370,307	390,174	2.8160	139,826	393,751	906,249			3,646,000
13	18,622	370,665	389,287	2.8512	140,713	401,201	898,799			3,653,000
14	17,531	369,823	387,354	2.8864	142,646	411,735	888,265			3,664,000
15	16,371	367,986	384,357	2.9216	145,643	425,511	874,489			3,678,000
16	13,789	365,139	378,928	2.9568	151,072	446,689	853,311			3,699,000
17	12,939	359,982	372,921	2.9920	157,079	469,981	830,019			3,722,000
18	11,729	354,275	366,004	3.0272	163,996	496,450	803,550			3,748,000
19	12,486	347,704	360,190	3.0624	169,811	520,028	779,972			3,772,000
20	10,370	342,180	352,550	3.0976	177,450	549,669	750,331			3,802,000
21	12,217	334,923	347,140	3.0976	182,861	566,429	733,571	14,943	718,628	3,833,000
22	14,079	329,783	343,862	3.0976	186,139	576,583	723,417	29,886	693,531	3,858,000
23	18,126	326,668	344,794	3.0976	185,206	573,693	726,307	44,829	681,478	3,871,000
24	17,740	327,555	345,295	3.0976	184,705	572,143	727,857	59,772	668,085	3,884,000
25	14,546	328,030	342,576	3.0976	187,424	580,565	719,435	74,715	644,720	3,907,000
26	13,286	325,447	338,733	3.0976	191,267	592,468	707,532	89,658	617,874	3,934,000
27	15,367	321,797	337,164	3.0976	192,837	597,330	702,670	104,601	598,069	3,954,000
28	14,310	320,305	334,615	3.0976	195,385	605,224	694,776	119,544	575,232	3,977,000
29	16,887	317,885	334,772	3.0976	195,229	604,740	695,260	134,487	560,773	3,991,000
30	15,606	318,033	333,639	3.0976	196,361	608,248	691,752	149,430	542,322	4,010,000
31	15,018	316,957	331,975	3.0976	198,025	613,402	686,598	164,373	522,225	4,030,000

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